



# New Jersey Turnpike Authority

## 2021-2025 Capital Projects Summary

### OPS Issuance, Construction, and Miscellaneous Contract Awards

The New Jersey Turnpike Authority (Authority) has recently adopted a revised methodology of budgeting and scheduling for all of its capital projects. The Authority now budgets and tracks schedules for capital projects on a perpetual five-year rolling schedule, updated annually. The current five-year schedule includes capital projects that are funded by the following programs:

- 2021-2025 Rolling Capital Improvement Program
- 2019 Capital Improvement Program
- Maintenance Reserve Program
- Special Project Reserve Program
- Supplement Capital Program

In order to provide more information to consultants, vendors, and contractors within the transportation and technology industries and to the general public, the Authority is providing the following summary of capital projects that are anticipated during the five-year period 2021 to 2025. The summary shows the anticipated schedules and estimated dollar values for issuance of Orders for Professional Services (OPS) and award of construction contracts. It should be noted that projects, schedules, and dollar values shown herein are estimates and may change as projects are updated and more detailed information becomes available.



# 2021-2025 Capital Projects Summary

## OPS Issuance, Construction, and Miscellaneous Contract Awards

(\$ thousands)

Project Type	2021	2022	2023	2024	2025	Five-Year Total
TPK Capacity Enhancements	\$35,000	\$330,000	\$80,000	\$185,000	\$495,000	\$1,125,000
GSP Capacity Enhancements	\$0	\$0	\$9,000	\$10,000	\$110,000	\$129,000
Bridge Construction, Preservation and Security	\$557,000	\$373,000	\$318,000	\$308,000	\$374,000	\$1,930,000
Other Roadway Improvements	\$58,000	\$27,000	\$100,000	\$63,000	\$15,000	\$263,000
Technology Improvements	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$175,000
Resiliency	\$7,000	\$2,000	\$14,000	\$57,000	\$66,000	\$146,000
Service Areas & Arts Center	\$28,000	\$0	\$0	\$0	\$0	\$28,000
Concrete Barrier	\$5,000	\$0	\$23,000	\$0	\$0	\$28,000
Drainage Structures	\$66,000	\$80,000	\$69,000	\$40,000	\$82,000	\$337,000
Facilities	\$11,000	\$32,000	\$29,000	\$28,000	\$27,000	\$127,000
Pavement Resurfacing	\$74,000	\$115,000	\$120,000	\$120,000	\$120,000	\$549,000
Roadway Lighting	\$58,000	\$14,000	\$41,000	\$39,000	\$10,000	\$162,000
<b>Total</b>	<b>\$934,000</b>	<b>\$1,008,000</b>	<b>\$838,000</b>	<b>\$885,000</b>	<b>\$1,334,000</b>	<b>\$4,999,000</b>

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



# TPK Capacity Enhancements

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
TPK Interchange 1 to 4 Capacity Enhancement Program	\$35,000	\$125,000		\$185,000	\$495,000	\$840,000
TPK Newark Bay Hudson County Extension (NBHCE) Capacity Enhancement Program		\$205,000	\$30,000			\$235,000
TPK Westerly Alignment Mainline Capacity Enhancement			\$50,000			\$50,000
<b>Total</b>	<b>\$35,000</b>	<b>\$330,000</b>	<b>\$80,000</b>	<b>\$185,000</b>	<b>\$495,000</b>	<b>\$1,125,000</b>

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# GSP Capacity Enhancements

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
GSP Operational Improvements, MP 80 to 83			\$9,000		\$100,000	\$109,000
GSP Interchange 154 to 163 Capacity Enhancements					\$10,000	\$10,000
GSP Interchange 129 to 142 Capacity Improvements				\$10,000		\$10,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$9,000</b>	<b>\$10,000</b>	<b>\$110,000</b>	<b>\$129,000</b>

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## Bridge Construction, Preservation and Security

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
TPK Replacement of Structure Nos. E112.95A and E112.95B		\$97,750				\$97,750
GSP Deck Reconstruction, MP 169.2 to 171.7		\$112,000				\$112,000
GSP Beam Replacement, Structure Nos. 154.2N and 6.6S	\$3,000					\$3,000
GSP Bridge Superstructure Replacement, MP 106.3 to 106.5	\$36,000					\$36,000
TPK Rehabilitation of Bridge Nos. W107.87, E107.88 and 84.24N&S	\$100,000					\$100,000
TPK Interim Repairs to two Waterway Piers for Structure No. W115.36	\$3,000	\$24,000				\$27,000

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



## Bridge Construction, Preservation and Security - Continued

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
TPK Deck Reconstruction, MP 90.0 to 91.37	\$36,000					\$36,000
TPK Deck Reconstruction, MP 98.48 to 98.76		\$28,300				\$28,300
TPK Deck Reconstruction, MP 74.31 to 74.39	\$70,000					\$70,000
TPK Deck Reconstruction, MP 85.77 to 87.1	\$55,000					\$55,000
TPK Deck Reconstruction, MP E113.0 to E115.21	\$63,000					\$63,000
GSP Superstructure Replacement, Structure Nos. 128.OA and 128.OB	\$38,000					\$38,000

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## Bridge Construction, Preservation and Security - Continued

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
TPK Deck Reconstruction, Structure No. 40.34		\$1,500	\$3,000		\$18,000	\$22,500
TPK Deck Reconstruction, MP P2.0 to P5.0		\$6,000	\$60,000			\$66,000
TPK Deck Reconstruction, MP 44.7 to 50.43			\$7,500	\$60,000		\$67,500
TPK Deck Reconstruction, MP 81.5 to 84.5			\$5,400		\$43,200	\$48,600
TPK Deck Reconstruction, MP 88.0 to 88.9			\$5,700		\$56,400	\$62,100
TPK Deck Reconstruction, MP 97.5 to 98.7			\$5,000	\$50,400		\$55,400

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## Bridge Construction, Preservation and Security - Continued

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
TPK Non-Redundant Pier Reconstruction and Bearing Improvements, MP 99.0 to 100.0		\$3,000	\$24,000			\$27,000
TPK Deck Reconstruction, MP 105.1 to W106.68			\$12,000		\$102,000	\$114,000
TPK Superstructure Replacement, Structure No. E111.15			\$10,000		\$84,000	\$94,000
GSP Superstructure Replacement, MP 150.3 to 150.4		\$5,400		\$43,200		\$48,600
GSP and TPK Sign Bridge Retrofit Brackets		\$1,800	\$14,400			\$16,200
TPK Deck Rehabilitation of NBHCE Bridges, Zones 2 and 3		\$11,000	\$84,000			\$95,000

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## Bridge Construction, Preservation and Security - Continued

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
TPK Deck Rehabilitation of Westerly Alignment Bridges		\$11,000		\$84,000		\$95,000
GSP Rehabilitation of Structure No. 158.2	\$86,000					\$86,000
Bridge Inspection Program	\$6,270					\$6,270
Maintenance Reserve Program (Various Locations)	\$55,289	\$66,400	\$81,900	\$65,000	\$65,000	\$333,589
Special Project Reserve Program (Various Locations)	\$500	\$800	\$500	\$500	\$500	\$2,800
Supplemental Capital Program (Various Locations)	\$4,700	\$4,400	\$4,400	\$4,400	\$4,400	\$22,300
<b>Total</b>	<b>\$556,759</b>	<b>\$373,350</b>	<b>\$317,800</b>	<b>\$307,500</b>	<b>\$373,500</b>	<b>\$1,928,909</b>

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## Other Roadway Improvements

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
TPK Installation of HCMS (Various Locations)	\$40,000					\$40,000
TPK Guide Sign Improvements	\$18,000					\$18,000
GSP and TPK Installation of Horizontal Curve Warning Signs		\$3,000	\$13,000			\$16,000
Rehabilitation of the Turnpike Secaucus Interchange MSE Walls		\$13,000	\$72,000	\$48,000		\$133,000
Maintenance Reserve Program (Various Locations)		\$6,500	\$9,000	\$9,000	\$9,000	\$33,500
Special Project Reserve Program (Various Locations)		\$4,100	\$5,500	\$5,500	\$5,500	\$20,600
Supplemental Capital Program (Various Locations)		\$12,300	\$19,800	\$19,000	\$18,000	\$69,100
<b>Total</b>	<b>\$58,000</b>	<b>\$26,600</b>	<b>\$99,500</b>	<b>\$62,500</b>	<b>\$14,500</b>	<b>\$261,100</b>

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## Technology Improvements

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
Financial System Replacement	\$27,000					\$27,000
Human Capital System Replacement		\$27,000				\$27,000
Advanced Traffic Management Program Replacement			\$27,000			\$27,000
Capital Program Management System Installation				\$27,000		\$27,000
ITS Infrastructure Upgrades					\$27,000	\$27,000
Special Project Reserve Program (Various Locations)	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$12,500
Supplemental Capital Project Program (Various Locations)	\$5,600	\$5,600	\$5,600	\$5,600	\$5,600	\$28,000
<b>Total</b>	<b>\$35,100</b>	<b>\$35,100</b>	<b>\$35,100</b>	<b>\$35,100</b>	<b>\$35,100</b>	<b>\$175,500</b>

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## Resiliency

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
GSP and TPK Resiliency Projects (Various Locations)	\$6,500	\$2,300	\$13,600	\$57,200	\$66,400	\$146,000
<b>Total</b>	<b>\$6,500</b>	<b>\$2,300</b>	<b>\$13,600</b>	<b>\$57,200</b>	<b>\$66,400</b>	<b>\$146,000</b>

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## Service Areas & Arts Center

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
GSP Service Area Ramp Widening	\$17,000					\$17,000
GSP PNC Bank Arts Center Access Roadways Traffic Signals	\$11,000					\$11,000
Supplemental Capital Project Program (Various Locations)	\$200	\$200	\$200	\$200	\$200	\$1,000
<b>Total</b>	<b>\$28,200</b>	<b>\$200</b>	<b>\$200</b>	<b>\$200</b>	<b>\$200</b>	<b>\$29,000</b>

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## Concrete Barrier

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
GSP Median Barrier Repairs, MP 134 to 140 and TPK MP 72 to 89			\$23,000			\$23,000
TPK Median Barrier Repairs, MP 89 to 105, E105 to E117, W105 to W117 and 117 to 122	\$5,000					\$5,000
<b>Total</b>	<b>\$5,000</b>	<b>\$0</b>	<b>\$23,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$28,000</b>

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## Drainage Structures

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
GSP Culvert Repairs, MP 112 to 113	\$12,800					\$12,800
GSP Culvert Repairs, MP 115 to 116	\$15,400					\$15,400
GSP Culvert Repairs, MP 109 to 111 and MP 123 to 128	\$10,300	\$35,750				\$46,050
GSP Culvert Repairs Interchange 100, MP 30 to 63	\$3,500	\$28,250				\$31,750
GSP and TPK Stormwater Cleaning and Video (Various Locations)	\$9,000					\$9,000
GSP and TPK CMP Rehabilitation (Various Locations)	\$14,500		\$23,000			\$37,500
GSP and TPK Culvert Repairs			\$35,000	\$28,500	\$71,000	\$134,500
Maintenance Reserve Program (Various Locations)		\$15,800	\$11,300	\$11,300	\$11,300	\$49,700
<b>Total</b>	<b>\$65,500</b>	<b>\$79,800</b>	<b>\$69,300</b>	<b>\$39,800</b>	<b>\$82,300</b>	<b>\$336,700</b>

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## Facilities

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
GSP and TPK Underground Storage Tank Replacement	\$750	\$400	\$1,750	\$1,750		\$4,650
Concrete Barrier at Maint Districts TMD3 and TMD5	\$1,400					\$1,400
HVAC Upgrades at Various Locations	\$4,000					\$4,000
Maintenance Reserve Program (Various Locations)			\$14,000	\$14,000	\$14,000	\$42,000
Special Project Reserve Program (Various Locations)	\$4,650	\$16,200	\$12,200	\$11,700	\$11,700	\$56,450
Supplemental Capital Program (Various Locations)		\$15,600	\$800	\$800	\$800	\$18,000
<b>Total</b>	<b>\$10,800</b>	<b>\$32,200</b>	<b>\$28,750</b>	<b>\$28,250</b>	<b>\$26,500</b>	<b>\$126,500</b>

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## Pavement Resurfacing

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
TPK Roadway Stabilization and Reprofilng Improvements, MP 97.1 to 98 and 102 to 104.5	\$6,500	\$55,000				\$61,500
Maintenance Reserve Program (Various Locations)	\$39,800	\$60,000	\$120,000	\$120,000	\$120,000	\$459,800
Supplemental Capital Program (Various Locations)	\$28,000					\$28,000
<b>Total</b>	<b>\$74,300</b>	<b>\$115,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$120,000</b>	<b>\$549,300</b>

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## Roadway Lighting

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
TPK Lighting Improvements Interchange Nos. 12 and 13	\$15,800					\$15,800
TPK Lighting Improvements Interchange Nos. 7A, 8A, 10 and 11	\$7,500	\$4,800				\$12,300
TPK Lighting Improvements Northern Mixing Bowl (MP 117) and Southern Mixing Bowl (MP 106)	\$9,200					\$9,200
TPK Lighting Improvements Service Area 10S and Interchange No. 13A	\$2,000		\$4,000			\$6,000
TPK Lighting Improvements Service Areas 1S, 1N, 3S and Interchange No. 1	\$3,500		\$8,000			\$11,500
GSP Lighting Improvements Interchange Nos. 102 and 105	\$2,500					\$2,500
GSP Lighting Improvements Interchange No. 120	\$2,500					\$2,500
GSP Lighting Improvements Interchange Nos. 117 and 118	\$7,000					\$7,000

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



## Roadway Lighting - Continued

(\$ thousands)

Project Name	2021	2022	2023	2024	2025	5-Year Project OPS Issuances & Construction Contract Awards
TPK Lighting Improvements Interchange No. 14			\$4,250			\$4,250
TPK Lighting Improvements on the PHMTE			\$10,500			\$10,500
TPK Lighting Improvements Route 46, Interchange Nos. 68 and 69 and Load Center H			\$3,600	\$14,000		\$17,600
TPK Lighting Improvements Interchange Nos. 70A, 70B, 71, 72 and 73				\$17,600		\$17,600
TPK Lighting Improvements Interchange Nos. 16E, 18E and 18W					\$2,700	\$2,700
Maintenance Reserve Program (Various Locations)	\$8,000	\$9,600	\$10,200	\$7,500	\$7,500	\$42,800
<b>Total</b>	<b>\$58,000</b>	<b>\$14,400</b>	<b>\$40,550</b>	<b>\$39,100</b>	<b>\$10,200</b>	<b>\$162,250</b>

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