

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Acquisition of Right of Way

DBNUM: X12

This program funds advanced acquisition and/or demolition of; key right of way parcels, easements, transportation facilities, and access and development rights, in order to preserve transportation corridors for future transportation use.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: O3 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$2.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ROW	STATE	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

Active Traffic Management System (ATMS)

DBNUM: 13303

This program will provide funding for the deployment program for the first Active Traffic management System (ATMS) in the State including all phases of design. This program will include funding for the complete delivery of the Final Design document for Active Traffic Management System (ATMS) for a candidate highway (I-80, I-295 or I-78). The design document will be used to deploy and carry out the actual construction of this technology for automatic operation and handling of traffic.

NJDOT CIS Category: Congestion Relief

RCIS Category: ITS

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$4.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	CMAQ	\$3.000	\$1.000			
		\$3.000	\$1.000			

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REVISION 1 AS OF 9/10/2020

ADA Curb Ramp Implementation

DBNUM: 11344

This program was initiated from a Federal Highway Administration (FHWA) request of the NJDOT to complete an Americans with Disabilities Act (ADA) Curb Ramp Inventory, and to develop a Curb Ramp Implementation Program. A priority list of locations that are missing ADA curb ramps was developed, and funding provided by this program will be applied to projects that are missing ADA curb ramps statewide.

NJDOT CIS Category: Multimodal Programs

RCIS Category: Bike/Ped

Sponsor: NJDOT

Air Quality Code: AQ2 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$14.020

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
ERC	STBGP-FLEX	\$3.020	\$1.000	\$1.000	\$1.000	\$6.000
		\$5.020	\$3.000	\$3.000	\$3.000	\$18.000

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NJDOT CIS Category: Multimodal Programs

RCIS Category: Bike/Ped

Sponsor: NJDOT

Air Quality Code: AQ2 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$12.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
ERC	STBGP-FLEX	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$3.000	\$3.000	\$3.000	\$3.000	\$18.000

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Aeronautics UAS Program

DBNUM: 19315

This program provides funding for NJDOT's Unmanned Aircraft System (UAS) program for equipment purchases, UAS research, and consultant services.

NJDOT CIS Category: Airport Assets

RCIS Category: Aviation

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$2.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

Airport Improvement Program

DBNUM: 08415

This program provides funding for grants awarded by the Commissioner of the NJDOT pursuant to a competitive application process for project types, including but not limited to, safety, preservation, rehabilitation, and capital improvements (such as runway, taxiway and apron improvements, airport lighting and navigational aids, aviation fuel farms, automated weather observation systems, airport security, and airport access roads). Such grants may be used at public-use general aviation airports for; aviation planning purposes, aviation studies, airport feasibility studies, and/or to provide funds which will help match and capture federal funds. This program may also fund capital improvements to airports owned by the state.

NJDOT CIS Category: Airport Assets

RCIS Category: Aviation

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$16.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
		\$4.000	\$4.000	\$4.000	\$4.000	\$24.000

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Transportation Improvement Program Fiscal Years 2020 - 2023

Betterments, Dams

DBNUM: 01335

This program provides funding for NJ Department of Environmental Protection mandated cyclic (2 year) inspections and the preparation and maintenance of Emergency Action Plans (EAP), Operations and Maintenance Manuals (O&M) and Hydrology and Hydraulics (H&H) engineering studies for NJDOT owned dams. If needed, minor improvements will be provided for hydraulically inadequate dams located on the state highway system.

NJDOT CIS Category: Bridge Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$0.800

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$.300	\$.100	\$.300	\$.100	\$1.200
		\$.300	\$.100	\$.300	\$.100	\$1.200

Betterments, Roadway Preservation

DBNUM: X72B

This is an ongoing program of minor improvements to the state highway system for miscellaneous maintenance repair contracts, repair parts, miscellaneous needs for emergent projects, handicap ramps, and drainage rehabilitation/maintenance.

NJDOT CIS Category: Road Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: S4, AQ2 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$78.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$20.000	\$18.000	\$20.000	\$20.000	\$120.000
		\$20.000	\$18.000	\$20.000	\$20.000	\$120.000

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Transportation Improvement Program Fiscal Years 2020 - 2023

Betterments, Safety

DBNUM: X72C

This is an ongoing program of minor improvements to the state highway system such as beam guide rail and impact attenuators, as well as safety fencing.

NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: S13 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$64.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$16.000	\$16.000	\$16.000	\$16.000	\$96.000
		\$16.000	\$16.000	\$16.000	\$16.000	\$96.000

Bicycle & Pedestrian Facilities/Accommodations

DBNUM: X185

This is a comprehensive program to insure the broad implementation of the Statewide Bicycle and Pedestrian Master Plan, Complete Streets Policy and the implementation of federal and state policies and procedures pertaining to bicycle, pedestrian, transit and ADA access and safety. This program includes addressing bicycle, pedestrian, transit and ADA travel needs through the development of improvements on state, county and local system either by independent capital projects or through grants to counties and municipalities. Projects must make full consideration for the needs of all users.

NJDOT CIS Category: Multimodal Programs

RCIS Category: Bike/Ped

Sponsor: NJDOT

Air Quality Code: AQ2 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$19.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	CMAQ	\$1.500	\$1.500	\$1.500	\$1.500	\$9.000
ERC	STATE	\$4.000	\$1.000	\$1.000	\$1.000	\$6.000
ERC	TA-FLEX	\$1.500	\$1.500	\$1.500	\$1.500	\$9.000
		\$7.000	\$4.000	\$4.000	\$4.000	\$24.000

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Bridge and Structure Inspection, Miscellaneous

DBNUM: X07F

This program will provide funding for the inspection of miscellaneous types of structures such as highway-carrying tunnels, pedestrian bridges, and limited safety inspections of railroad bridges over state roadways to ensure the safety of the motoring public. Inspection of miscellaneous types of structures such as highway-carrying tunnels, pedestrian bridges, and limited safety inspections of railroad bridges over state roadways to ensure the safety of the motoring public.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S6 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$1.050

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$.300	\$.200	\$.450	\$.100	\$1.900
		\$.300	\$.200	\$.450	\$.100	\$1.900

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Transportation Improvement Program Fiscal Years 2020 - 2023

REVISION 2 AS OF 1/15/2021

Bridge Deck/Superstructure Replacement Program

DBNUM: 03304

This program will provide funding for design and construction of deck preservation, deck replacement and superstructure replacement projects in various locations throughout the state. This is a statewide program which will address an approved priority listing of deficient bridge decks. This program will also provide funding for recommendations, survey, aerial photography, photogrammetry, base mapping and engineering.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$140.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$4.000	\$4.000	\$4.000	\$4.000	\$44.000
ERC	NHPP	\$15.833	\$25.472	\$30.000	\$30.000	\$290.111
ERC	STBGP-FLEX	\$10.801	\$4.528			
ERC	STBGP-OS-BRDG	\$1.000	\$1.000	\$1.000	\$1.000	\$28.035
ERC	STBGP-OS-BRDG	\$3.366				
		\$35.000	\$35.000	\$35.000	\$35.000	\$362.146

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Bridge Deck/Superstructure Replacement Program

DBNUM: 03304

This program will provide funding for design and construction of deck preservation, deck replacement and superstructure replacement projects in various locations throughout the state. This is a statewide program which will address an approved priority listing of deficient bridge decks. This program will also provide funding for recommendations, survey, aerial photography, photogrammetry, base mapping and engineering.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$140.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$4.000	\$4.000	\$4.000	\$4.000	\$44.000
ERC	NHPP	\$15.833	\$30.000	\$30.000	\$30.000	\$290.111
ERC	STBGP-FLEX	\$10.801				
ERC	STBGP-OS-BRDG	\$1.000	\$1.000	\$1.000	\$1.000	\$28.035
ERC	STBGP-OS-BRDG	\$3.366				
		\$35.000	\$35.000	\$35.000	\$35.000	\$362.146

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Transportation Improvement Program Fiscal Years 2020 - 2023

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Bridge Deck/Superstructure Replacement Program

DBNUM: 03304

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NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$140.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$4.000	\$4.000	\$4.000	\$4.000	\$44.000
ERC	NHPP	\$30.000	\$30.000	\$30.000	\$30.000	\$290.111
ERC	STBGP-OS-BRDG	\$1.000	\$1.000	\$1.000	\$1.000	\$28.035
		\$35.000	\$35.000	\$35.000	\$35.000	\$362.146

Bridge Emergency Repair

DBNUM: 98315

This program allows the NJDOT to provide emergency bridge repairs through various Bridge Maintenance Contracts (i.e., Concrete Structural Repair, Structural Steel Repair, and Timber Structure Repair contracts). The program also allows the NJDOT to obtain emergency technical consultant assistance, for inspection and repair design, when the safety of a bridge(s) is compromised due to unavoidable circumstances (a collision, flood damage, etc.) These consultants will be available to assist NJDOT personnel on an as-needed basis.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$336.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$83.000	\$83.000	\$85.000	\$85.000	\$510.000
		\$83.000	\$83.000	\$85.000	\$85.000	\$510.000

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REVISION 1 AS OF 11/6/2020

Bridge Inspection

DBNUM: X07A

This program provides regular structural inspection of state highway, NJ Transit highway-carrying bridges and local bridges as required by federal law. This program also enables the in-depth scour evaluation of potentially scour susceptible bridges. This program also provides regular inspection of State-owned tunnels.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S6 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$86.780

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	NHPP	\$12.900	\$9.900	\$11.900	\$11.900	\$71.400
EC	STBGP-FLEX	\$7.140	\$7.680	\$7.680	\$7.680	\$46.080
EC	STBGP-OS-BRDG	\$2.000	\$4.000	\$2.000	\$2.000	\$12.000
		\$22.040	\$21.580	\$21.580	\$21.580	\$129.480

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Transportation Improvement Program Fiscal Years 2020 - 2023

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Bridge Inspection

DBNUM: X07A

This program provides regular structural inspection of state highway, NJ Transit highway-carrying bridges and local bridges as required by federal law. This program also enables the in-depth scour evaluation of potentially scour susceptible bridges. This program also provides regular inspection of State-owned tunnels.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S6 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$86.780

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	NHPP	\$12.900	\$11.900	\$11.900	\$11.900	\$71.400
EC	STBGP-FLEX	\$7.140	\$7.680	\$7.680	\$7.680	\$46.080
EC	STBGP-OS-BRDG	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
		\$22.040	\$21.580	\$21.580	\$21.580	\$129.480

Bridge Inspection Program, Minor Bridges

DBNUM: 17341

This program provides funding for regular inspections of state-owned, county-owned and locally-owned highway minor bridges (culverts) of less than 20 feet in length. New federally funded bridge inspection program. Replaces 99322 & 99322A.
locally-owned highway minor bridges (culverts) of less than 20 feet in length. New federally funded bridge inspection program. Replaces 99322 & 99322A

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S6, S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$29.500

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$8.800	\$6.900	\$6.900	\$6.900	\$41.500
		\$8.800	\$6.900	\$6.900	\$6.900	\$41.500

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Transportation Improvement Program Fiscal Years 2020 - 2023

Bridge Maintenance and Repair, Movable Bridges

DBNUM: 14404

This Operations program allows the NJDOT to provide emergency movable bridge and tunnel repairs on a 24/7 basis. The funding will be utilized to address priority structural repair deficiencies, and Public Employees' Occupational Safety and Health Act (PEOSHA) violations, that are identified during in-depth inspections. Movable bridges are required to operate on-demand and adhere to drawbridge operation regulations pursuant to title 33, Code of Federal Regulations.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$114.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$28.500	\$28.500	\$28.500	\$28.500	\$171.000
		\$28.500	\$28.500	\$28.500	\$28.500	\$171.000

REVISION 1 AS OF 7/22/2020

Bridge Maintenance Fender Replacement

DBNUM: 17357

This is an ongoing program to replace bridge fender and pier protection system elements that are in poor and critical condition. Fender systems and waterways are regulated by the U.S. Coast Guard and are required to be maintained in good working condition by the Code of Federal Regulations.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$57.354

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$1.000	\$14.000	\$14.000	\$14.000	\$84.000
ERC	STBGP-FLEX	\$2.354	\$4.000	\$4.000	\$4.000	\$24.000
		\$3.354	\$18.000	\$18.000	\$18.000	\$108.000

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Bridge Maintenance Fender Replacement

DBNUM: 17357

This is an ongoing program to replace bridge fender and pier protection system elements that are in poor and critical condition. Fender systems and waterways are regulated by the U.S. Coast Guard and are required to be maintained in good working condition by the Code of Federal Regulations.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$72.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$14.000	\$14.000	\$14.000	\$14.000	\$84.000
ERC	STBGP-FLEX	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
		\$18.000	\$18.000	\$18.000	\$18.000	\$108.000

REVISION 1 AS OF 7/22/2020

Bridge Maintenance Scour Countermeasures

DBNUM: 17358

This is an ongoing program to proactively install scour countermeasures on the worst scour critical bridges. Scour countermeasures will protect bridges from storms and flooding events which can undermine their substructures.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$29.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$1.000	\$5.000	\$5.000	\$5.000	\$30.000
ERC	STBGP-FLEX	\$1.000	\$4.000	\$4.000	\$4.000	\$24.000
		\$2.000	\$9.000	\$9.000	\$9.000	\$54.000

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Bridge Maintenance Scour Countermeasures

DBNUM: 17358

This is an ongoing program to proactively install scour countermeasures on the worst scour critical bridges. Scour countermeasures will protect bridges from storms and flooding events which can undermine their substructures.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$36.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$5.000	\$5.000	\$5.000	\$5.000	\$30.000
ERC	STBGP-FLEX	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
		\$9.000	\$9.000	\$9.000	\$9.000	\$54.000

Bridge Management System

DBNUM: X70

This is a program for the development, improvement, and implementation of New Jersey's Bridge Management System, a computerized system of analyzing bridge rehabilitation and replacement needs.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$5.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$1.250	\$1.250	\$1.250	\$1.250	\$7.500
		\$1.250	\$1.250	\$1.250	\$1.250	\$7.500

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Transportation Improvement Program Fiscal Years 2020 - 2023

REVISION 2 AS OF 3/9/2021

Bridge Preventive Maintenance

DBNUM: 13323

This program provides funding for bridge preservation activities (including painting, deck repairs, and substructure repairs) as a means of extending structure life. Painting contracts shall include painting of steel on various structures, as an anti-corrosion measure, and will be awarded based on an approved list of bridges considering the availability and regional breakdown of funding. Preventive maintenance contracts shall include deck repairs, header reconstruction, curb reconstruction, joint resealing, substructure concrete repairs, and sealing of entire structures, with structures systematically prioritized by corridor or geographical area. Both painting and preventive maintenance contracts are awarded to preserve and prolong the useful service life of bridges, in accordance with the NJDOT Bridge Preventive Maintenance Program.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$328.100

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	20S-STATE		\$10.000			
EC	NHPP	\$19.675	\$.000	\$25.000	\$25.000	\$150.000
EC	STATE	\$40.000	\$42.380	\$40.000	\$40.000	\$240.000
EC	STBGP-FLEX	\$23.820	\$42.225	\$10.000	\$10.000	\$60.000
		\$83.495	\$94.605	\$75.000	\$75.000	\$450.000

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Bridge Preventive Maintenance

DBNUM: 13323

This program provides funding for bridge preservation activities (including painting, deck repairs, and substructure repairs) as a means of extending structure life. Painting contracts shall include painting of steel on various structures, as an anti-corrosion measure, and will be awarded based on an approved list of bridges considering the availability and regional breakdown of funding. Preventive maintenance contracts shall include deck repairs, header reconstruction, curb reconstruction, joint resealing, substructure concrete repairs, and sealing of entire structures, with structures systematically prioritized by corridor or geographical area. Both painting and preventive maintenance contracts are awarded to preserve and prolong the useful service life of bridges, in accordance with the NJDOT Bridge Preventive Maintenance Program.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$310.875

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	NHPP	\$19.675	\$8.994	\$25.000	\$25.000	\$150.000
EC	STATE	\$40.000	\$42.380	\$40.000	\$40.000	\$240.000
EC	STBGP-FLEX	\$23.820	\$26.006	\$10.000	\$10.000	\$60.000
		\$83.495	\$77.380	\$75.000	\$75.000	\$450.000

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Bridge Preventive Maintenance

DBNUM: 13323

This program provides funding for bridge preservation activities (including painting, deck repairs, and substructure repairs) as a means of extending structure life. Painting contracts shall include painting of steel on various structures, as an anti-corrosion measure, and will be awarded based on an approved list of bridges considering the availability and regional breakdown of funding. Preventive maintenance contracts shall include deck repairs, header reconstruction, curb reconstruction, joint resealing, substructure concrete repairs, and sealing of entire structures, with structures systematically prioritized by corridor or geographical area. Both painting and preventive maintenance contracts are awarded to preserve and prolong the useful service life of bridges, in accordance with the NJDOT Bridge Preventive Maintenance Program.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$300.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	NHPP	\$25.000	\$25.000	\$25.000	\$25.000	\$150.000
EC	STATE	\$40.000	\$40.000	\$40.000	\$40.000	\$240.000
EC	STBGP-FLEX	\$10.000	\$10.000	\$10.000	\$10.000	\$60.000
		\$75.000	\$75.000	\$75.000	\$75.000	\$450.000

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Transportation Improvement Program Fiscal Years 2020 - 2023

Bridge Replacement, Future Projects

DBNUM: 08381

This program provides funding for future projects related to bridge rehabilitations and replacements, statewide.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$79.429

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$1.001	\$10.363	\$21.288	\$15.310	\$307.505
ERC	STATE	\$1.326	\$2.634	\$6.396	\$21.111	\$220.778
		\$2.327	\$12.997	\$27.684	\$36.421	\$528.283

Bridge Scour Countermeasures

DBNUM: 98316

This program provides funding for bridge scour countermeasure contracts, which provide critical protection to various bridge substructure elements, extending the life of state bridges which span waterways. These contracts will be awarded based on an approved list of bridges considering the availability and regional breakdown of funding.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$0.800

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$.200	\$.200	\$.200	\$.200	\$1.200
		\$.200	\$.200	\$.200	\$.200	\$1.200

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Congestion Relief, Intelligent Transportation System Improvements (Smart Move Program) **DBNUM:** 02379

This program provides funding for low-cost, quick-turnaround intelligent transportation system (ITS) improvements, which improve traffic flow and provide traveler information on the state's transportation system. This program will provide for the deployment of these systems through either separate ITS projects, or inclusion of ITS within existing roadway and bridge infrastructure preservation projects to ensure implementation of ITS at a minimum cost and a minimum disruption to traffic during construction. Design support to add ITS components and/or standards may be accomplished through using consultants. ITS equipment are long lead time items and this program will allow procurement to proceed in advance and then to be installed in the first stages to also assist in the mitigation of traffic impacts during construction of those projects. ITS equipment may include Dynamic Message Signs, which provide real time traffic information, in strategic locations to allow the motoring public to make informed decisions on possible alternatives.

NJDOT CIS Category: Congestion Relief

RCIS Category: ITS

Sponsor: NJDOT

Air Quality Code: NR1 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$8.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
		\$2.000	\$2.000	\$2.000	\$2.000	\$12.000

Construction Inspection

DBNUM: X180

In order to provide inspection of construction projects on an as-needed basis, the NJDOT provides term agreements. This service also provides materials inspection of structural steel and precast concrete produced at out-of-state fabrication facilities.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$44.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$11.000	\$11.000	\$11.000	\$11.000	\$66.000
		\$11.000	\$11.000	\$11.000	\$11.000	\$66.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Construction Program IT System (TRNS.PORT)

DBNUM: 05304

This program will provide a replacement system for the current information technology (IT) systems supporting the Estimating through Awarding of Construction Projects. It will also implement IT systems for Construction Management, Materials and Civil Rights including annual licensing fees.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$7.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$1.300	\$1.600	\$1.900	\$2.200	\$21.500
		\$1.300	\$1.600	\$1.900	\$2.200	\$21.500

Culvert Replacement Program

DBNUM: 09316

This program provides funding for Culvert replacements based on results of the culvert inspection program. In the majority of cases, culverts will be replaced in the same location, with basically the same waterway opening size, and will require minimal utility involvement.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S4 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$20.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
ERC	STBGP-FLEX	\$1.000	\$1.000	\$1.000	\$1.000	\$12.000
		\$5.000	\$5.000	\$5.000	\$5.000	\$36.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

DBE Supportive Services Program

DBNUM: X142

This is a federal grant program which provides support to individual Disadvantaged Business Enterprise (DBE) contractors through technical assistance, on-site visits, DBE conferences, newsletters, and similar types of assistance. This program will also support the technology required to monitor, maintain and create reports on program particulars and DBE progress.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$2.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

Design, Emerging Projects

DBNUM: X106

This program provides initial funding for Capital Program Management task order agreements as well as projects emerging from concept development. Funding is also provided for review of projects and for advanced design services which include, but are not limited to the following functions: development of base plan for final design; location of existing features within footprints, such as project monumentation, topography, utilities and drainage, using Subsurface Utility Engineering (SUE), General Field survey, Global Positioning System survey, Primary Control survey and Aerial photography; geotechnical work, specifically soil borings; administrative work needed to set budgets and manpower for right of way acquisition; asbestos surveying or plans, specifications and air monitoring for abatement process.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: O1 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$71.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
DES	STATE	\$17.000	\$16.000	\$17.000	\$17.000	\$102.000
DES	STBGP-FLEX	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$18.000	\$17.000	\$18.000	\$18.000	\$108.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Design, Geotechnical Engineering Tasks

DBNUM: 05342

This program will provide funding for term agreements to obtain consultant services to perform Geotechnical Services for various projects within the geographical confines of the state of New Jersey. The work covered by this agreement will be limited to Geotechnical Engineering Services and consists of two major tasks: conducting subsurface exploration programs and providing geotechnical designs and analysis for bridge and structure foundations, roadway engineering and rock engineering.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: O1 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$1.500

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
DES	STATE	\$.500		\$.500	\$.500	\$2.000
		\$.500		\$.500	\$.500	\$2.000

Disadvantaged Business Enterprise

DBNUM: X197

This is a federal grant to support the development of integrated programs including training workshops, round-table discussions and business development services designed to expand the capacity of Disadvantaged Business Enterprise (DBE) firms and help them compete for public works contracts in the State and particularly with NJDOT.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$0.400

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$.100	\$.100	\$.100	\$.100	\$1.500
		\$.100	\$.100	\$.100	\$.100	\$1.500

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

REVISION 1 AS OF 7/22/2020

Drainage Rehabilitation & Improvements

DBNUM: X154D

This program funds low-cost/high-value drainage projects on the state highway drainage system.

NJDOT CIS Category: Road Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: S4 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$58.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$13.000	\$15.000	\$15.000	\$15.000	\$90.000
		\$13.000	\$15.000	\$15.000	\$15.000	\$90.000

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Drainage Rehabilitation & Improvements

DBNUM: X154D

This program funds low-cost/high-value drainage projects on the state highway drainage system.

NJDOT CIS Category: Road Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: S4 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$65.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$20.000	\$15.000	\$15.000	\$15.000	\$90.000
		\$20.000	\$15.000	\$15.000	\$15.000	\$90.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Drainage Rehabilitation and Maintenance, State

DBNUM: X154

This program provides funding for the rehabilitation and maintenance of state highway drainage systems, which may include: removal of material, video inspection, contract salary costs, retrofitting inlet covers due to Stormwater Management Regulations, acquisition and maintenance of specialized drainage equipment.

NJDOT CIS Category: Road Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: S4 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$60.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$15.000	\$15.000	\$15.000	\$15.000	\$90.000
		\$15.000	\$15.000	\$15.000	\$15.000	\$90.000

Electrical Facilities

DBNUM: X241

This program provides funding for purchasing materials, and for replacement, repair, preservation, and installation of electrical facilities along the state highway system. Included in this program are; highway lighting, sign lighting, cathodic protection for bridges, road weather information systems, and traffic counting/monitoring sites.

NJDOT CIS Category: Road Assets

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: S18 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$28.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$7.000	\$7.000	\$7.000	\$7.000	\$42.000
		\$7.000	\$7.000	\$7.000	\$7.000	\$42.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Electrical Load Center Replacement, Statewide

DBNUM: 04324

This program provide provides funding for the betterment of existing highway lighting facilities when those facilities do not comply with current electrical codes and/or replacement equipment is not available. Due to high traffic volumes, maintenance of these existing facilities is hazardous to NJDOT personnel. The use of high-mast lighting will be investigated. ROW acquisition may be required.

NJDOT CIS Category: Road Assets

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: S18 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$21.880

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$5.000	\$5.300	\$5.620	\$5.960	\$43.560
		\$5.000	\$5.300	\$5.620	\$5.960	\$43.560

Emergency Management and Transportation Security Support

DBNUM: 17360

This program provides funding for materials and equipment to support the Department's emergency management and transportation security plans and activities. These include resources for continuity of operations, preparedness, response, recovery and mitigation actions.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$6.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$1.500	\$1.500	\$1.500	\$1.500	\$9.000
		\$1.500	\$1.500	\$1.500	\$1.500	\$9.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Environmental Investigations

DBNUM: X75

This program provides funding for environmental assessment work-products produced on a quick-response basis through specialized task-order consultant agreements, in such areas as; ecology, hazardous waste investigations, cultural resource investigations, National Environmental Policy Act and Section 4(f) documentation. Funding is also provided for environmental permit fees, laboratory fees, and other environmental consultant agreements that require 100% state funding. This general program will also provide for cleanup of gasoline discharge from underground storage tanks.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Environment/Air Quality

Sponsor: NJDOT

Air Quality Code: O1 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$28.500

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$7.500	\$6.000	\$7.500	\$7.500	\$45.000
		\$7.500	\$6.000	\$7.500	\$7.500	\$45.000

Environmental Project Support

DBNUM: 03309

This program provides for environmental services for the following activities: Land Use Regulation Program permit and preparation payments; ecological surveys and studies; wetland delineations; wetland mitigation monitoring; wetland mitigation remediation; cultural resources mitigation; hazardous waste investigations and studies and payments; asbestos surveys and abatement; hydrology/hydraulic investigations and studies, permits and payments; air/noise studies; and other environmental work as required. These activities are in support of meeting environmental requirements or commitments, and preventing costly violations.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Environment/Air Quality

Sponsor: NJDOT

Air Quality Code: O1 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$4.200

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$1.000	\$1.000	\$1.100	\$1.100	\$6.600
		\$1.000	\$1.000	\$1.100	\$1.100	\$6.600

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Equipment (Vehicles, Construction, Safety)

DBNUM: X15

New Jersey does not meet federal air quality standards, pursuant to the federal Clean Air Act. Air pollution from vehicles and equipment pollute the air through combustion and fuel evaporation. These emissions contribute greatly to air pollution in the State and are the primary cause of air pollution in many urban areas. This program provides funding to reduce New Jersey's carbon footprint by the direct purchase or lease/rental of replacement or new equipment to include, but not limited to the following: construction equipment, snow plow trucks, light duty trucks, passenger vehicles including vans & cars, radios, rollers, concrete mixers, asphalt spreaders, trailer-mounted arrow boards, safety trucks, portable light towers, truck-mounted attenuators, portable message boards, emergency service patrol vehicles, incident management response trucks, vehicle fuel system hardware and software, HARs trailers for diversion route planning and implementation (and all parts associated with this equipment). This equipment supports capital, safety and maintenance programs.

NJDOT CIS Category: Transportation Support Facilities

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$99.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$25.000	\$24.000	\$25.000	\$25.000	\$150.000
		\$25.000	\$24.000	\$25.000	\$25.000	\$150.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Equipment, Snow and Ice Removal

DBNUM: X15A

A stable funding source to be used solely for the continuous improvement of the State's ability to effectively and efficiently remove snow and ice off of the State owned highways and byways. This program will provide direct purchase or replacement of snow and ice removal equipment. Examples of equipment and or stationary assets to include but not limited to; brine manufacturing units, brine distribution equipment, snow plows, salt spreaders, specialized snow fighting equipment, brine manufacturing and calcium dispenser Capital improvements. Part of the funding will be used to replace aging snow equipment that is beyond its functional or useful life.

NJDOT CIS Category: Transportation Support Facilities

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$20.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$5.000	\$5.000	\$5.000	\$5.000	\$30.000
		\$5.000	\$5.000	\$5.000	\$5.000	\$30.000

Ferry Program

DBNUM: 00377

This program provides federal funding, distributed annually by formula to states, to construct ferry boats and ferry terminal facilities.

NJDOT CIS Category: Multimodal Programs

RCIS Category: Transit Enhancement

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$16.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	FBP	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
		\$4.000	\$4.000	\$4.000	\$4.000	\$24.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Guiderail Upgrade

DBNUM: X201

This program will provide funding for the design and construction of guide rail replacement, statewide. Upgrade and replace guide rail to meet current standards.

NJDOT CIS Category: Road Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: S9 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$12.500

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	NHPP	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
EC	STATE	\$2.500	\$1.000	\$2.500	\$2.500	\$15.000
		\$3.500	\$2.000	\$3.500	\$3.500	\$21.000

High-Mast Light Poles

DBNUM: 97008

This program will provide funding for upgrading or replacement of high mast light towers to meet current standards.

NJDOT CIS Category: Bridge Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: S18 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$8.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
ERC	STBGP-FLEX	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$2.000	\$2.000	\$2.000	\$2.000	\$12.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Highway Safety Improvement Program Planning

DBNUM: 09388

This item consists of two programs: Safety Management System (SMS) safety improvement projects and Rail-Highway safety improvement projects. SMS, through guidance of the HSIP (23 CFR 924), identifies, prioritizes and implements safety programs and projects associated with safe corridors and intersection improvement programs in an effort to reduce crashes and crash severity on New Jersey's roadways. Safe Corridor Program currently includes portions of Rt. 1, 9, 22, 40, 46, 47, 73 and 206. The Intersection Improvement Program includes right angle, left turn, same direction and pedestrian crash intersection locations. Rail-Highway Program will continue onsite inspection of public grade crossing to identify rail-highway grade crossing hazards to develop and implement rail-highway grade crossing safety improvements.

NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: S6 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$16.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
PLS	HSIP	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
		\$4.000	\$4.000	\$4.000	\$4.000	\$24.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

REVISION 1 AS OF 9/22/2020

Intelligent Traffic Signal Systems

DBNUM: 15343

This program will seek to improve mobility on New Jersey's arterial highways. Arterials contribute almost 70% of total congestion that occurs in New Jersey. This program will focus on dynamically managing NJ's arterials from NJDOT's Arterial Management Center. Existing traffic signals will be strategically, systematically and programmatically upgraded from stand-alone signals to highly sophisticated, coordinated, real time traffic response traffic signals. This upgrade will consist of installing new controllers, intelligent software and algorithms, robust detection and communication. This is a plan to upgrade most of the signals on NJDOT owned highways only.

NJDOT CIS Category: Congestion Relief

RCIS Category: ITS

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$55.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	CMAQ	\$20.000	\$10.000	\$10.000	\$15.000	\$90.000
		\$20.000	\$10.000	\$10.000	\$15.000	\$90.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

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NJDOT CIS Category: Congestion Relief

RCIS Category: ITS

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$50.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	CMAQ	\$15.000	\$10.000	\$10.000	\$15.000	\$90.000
		\$15.000	\$10.000	\$10.000	\$15.000	\$90.000

Intelligent Transportation System Resource Center

DBNUM: 13304

This program includes the development of a statewide Intelligent Transportation Systems (ITS) Strategic Plan, ITS Deployment Plan, and a Work Zone Mobility Monitoring Program. The center will also conduct research, operational tests, evaluation of deployment scenarios and strategies, training and outreach to develop best practices for implementation of ITS.

NJDOT CIS Category: Congestion Relief

RCIS Category: ITS

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$16.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
		\$4.000	\$4.000	\$4.000	\$4.000	\$24.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Interstate Service Facilities

DBNUM: X151

This program provides for the development and implementation of improvements and landscaping to the network of interstate highway service facilities.

NJDOT CIS Category: Road Assets

RCIS Category: Road Enhancement

Sponsor: NJDOT

Air Quality Code: O5 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$2.267

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$.525	\$.552	\$.580	\$.610	\$4.351
		\$.525	\$.552	\$.580	\$.610	\$4.351

Job Order Contracting Infrastructure Repairs, Statewide

DBNUM: 13305

This program implements the use of Job Order Contracting to better manage and control costs associated with transportation infrastructure repairs (e.g. fixed bridge; movable bridge; roadway drainage systems; roadway repair; lighting etc.). This program utilizes a 3rd party vendor to control the bid award process for transportation projects with an estimated repair cost under \$1M per project.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$40.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$10.000	\$10.000	\$10.000	\$10.000	\$60.000
		\$10.000	\$10.000	\$10.000	\$10.000	\$60.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Legal Costs for Right of Way Condemnation

DBNUM: X137

This program provides reimbursement to the Division of Law for legal work performed in connection with right of way condemnation and capital project litigation.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$6.400

Unconstrained
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$1.600	\$1.600	\$1.600	\$1.600	\$8.000
		\$1.600	\$1.600	\$1.600	\$1.600	\$8.000

Local Aid Grant Management System

DBNUM: 06327

This program provides for the development and implementation of a web-based grant management system to facilitate customer service to grantees and enable better management of grant funds, both state and federal.

NJDOT CIS Category: Local System Support

RCIS Category: Other

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$0.600

Unconstrained
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$.200	\$.200	\$.100	\$.100	\$.600
		\$.200	\$.200	\$.100	\$.100	\$.600

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Local Aid, Infrastructure Fund

DBNUM: X186

Authorizes the Commissioner of Transportation, at the commissioner’s discretion, to allocate State Aid to counties and municipalities for transportation projects. Permits funding for the replacement or rehabilitation of orphan bridges. In the fiscal year commencing July 1, 2016, any amount appropriated to the Local Aid Infrastructure Fund above \$7,500,000 shall be deposited into the State Transportation Infrastructure Bank Fund, established pursuant to section 34 of P.L.2016, c.56 (C.58:11B-10.4).

NJDOT CIS Category: Local System Support

RCIS Category: Other

Sponsor: Local Lead

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$30.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$7.500	\$7.500	\$7.500	\$7.500	\$45.000
		\$7.500	\$7.500	\$7.500	\$7.500	\$45.000

Local Aid, State Transportation Infrastructure Bank

DBNUM: X186B

Funds appropriated to this program shall be used to provide loans or other assistance to public or private entities for the purpose of financing all or a portion of the costs incurred for the planning, acquisition, engineering, construction, reconstruction, repair or rehabilitation of a transportation project or for any other purpose permitted under the federal infrastructure bank program.

NJDOT CIS Category: Local System Support

RCIS Category: Other

Sponsor: Local Lead

Air Quality Code: O1 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$90.400

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$22.600	\$22.600	\$22.600	\$22.600	\$125.100
		\$22.600	\$22.600	\$22.600	\$22.600	\$125.100

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Local Bridges, Future Needs

DBNUM: 08387

Formula-based and competitive-based funding is provided to counties for future needs related to the local bridge system.

NJDOT CIS Category: Local System Support

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$189.200

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$47.300	\$47.300	\$47.300	\$47.300	\$267.300
		\$47.300	\$47.300	\$47.300	\$47.300	\$267.300

Local Freight Impact Fund

DBNUM: 17390

Authorizes the Commissioner of Transportation, at the commissioner's discretion, to allocate State Aid to counties and municipalities for transportation projects that address the impacts of freight travel in local communities and on local transportation infrastructure. This State Aid is set aside prior to any formula allocations to counties and municipalities pursuant to the Transportation Trust Fund Act.

NJDOT CIS Category: Local System Support

RCIS Category: Freight

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$120.400

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$30.100	\$30.100	\$30.100	\$30.100	\$170.100
		\$30.100	\$30.100	\$30.100	\$30.100	\$170.100

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Local Municipal Aid, Urban Aid

DBNUM: X98Z

This program provides funds allocated to Urban Aid for transportation improvements under the NJ Transportation Trust Fund Act.

NJDOT CIS Category: Local System Support

RCIS Category: Other

Sponsor: Local Lead

Air Quality Code: S3 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$40.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$10.000	\$10.000	\$10.000	\$10.000	\$60.000
		\$10.000	\$10.000	\$10.000	\$10.000	\$60.000

Maintenance & Fleet Management System

DBNUM: X196

This program provides for the continued operation and system upgrades of the Maintenance & Fleet Management Systems. These systems provide enhanced data accumulation and cost management dissemination capabilities for maintenance operations and a required compatible data source for related systems that are required for federal funding justification (Pavement and Bridge Management Systems). Also included will be the purchase of equipment for the NJDOT fleet and funding for monthly air-time fees.

NJDOT CIS Category: Transportation Support Facilities

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: O10c (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$4.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$6.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Maritime Transportation System

DBNUM: 01309

This program provides funding to support New Jersey's Maritime Industry and Marine Transportation System. The system includes; navigable channels, the State Channel Dredging Program and dredged material management technologies, marine environment enhancements, berth and terminal structures, related intermodal transportation facilities and corridors, shipping, receiving and cargo movement tracking systems, GPS/GIS, Vessel Traffic and Port Information Systems, Physical Oceanographic Real-Time Systems, science, technology and education programs. Navigation aides, boat building technologies, ocean habitat tracking systems and other new technologies interact to create a seamless system linking all aspects of the maritime industry into a single transportation matrix.

NJDOT CIS Category: Multimodal Programs

RCIS Category: Freight

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$60.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$15.000	\$15.000	\$15.000	\$15.000	\$90.000
		\$15.000	\$15.000	\$15.000	\$15.000	\$90.000

Minority and Women Workforce Training Set Aside

DBNUM: 07332

State law requires that an allocation of one half of one percent for State construction contracts over \$1 million is set aside for minority and women outreach and training purposes. Training and outreach activities will have particular emphasis on contractors who do not meet workforce goals. This requirement is delineated under NJAC 17:27-7.4. NJDOT is committing to the training requirement on a programmatic level rather than on a project-by-project level.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$4.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$6.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Mobility and Systems Engineering Program

DBNUM: 13306

This combined program seeks to improve mobility inclusive of but not limited to Intelligent Transportation Systems (ITS), Traffic Signal Timing and Optimization, monitoring Workzone Mobility and Advanced Traveler Information System (ATIS) programs. A combined program will allow for improved, cohesive and sustainable planning, design, procurement and deployment of operations' strategies such as ITS technologies and ATIS. Federal mandates such as: (a) following and maintaining ITS Architecture, (b) preparing TMPs for major construction projects, (c) motorist's information sharing (511), (d) "Every Day Counts" initiatives, (e) incorporation of adaptive signal systems, (f) hard shoulder use, (g) performance measures and, (h) maintenance/upgrade/enhancement of existing ITS infrastructure and hardware are covered under this program. This program also includes review and development of new technology and the possible application, design, procurement, testing and deployment of such technologies. The development of contract documents and engineering plans for various projects and ITS contracts is also included. This program includes technical and engineering support needed for the Traffic Operations Centers; development, enhancement and maintenance of the existing ITS infrastructure, ATIS associated database; and funding for Multimodal Transportation Coordination and Information Related Services. This program will support NJDOT's traffic signal optimization efforts and the Arterial Management Center.

NJDOT CIS Category: Congestion Relief

RCIS Category: ITS

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$46.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	NHPP	\$10.000	\$8.000	\$8.000	\$8.000	\$48.000
EC	STATE	\$1.500	\$1.500	\$1.500	\$1.500	\$9.000
EC	STBGP-FLEX	\$1.500	\$1.500	\$1.500	\$1.500	\$9.000
		\$13.000	\$11.000	\$11.000	\$11.000	\$66.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Motor Vehicle Crash Record Processing

DBNUM: X233

This program provides the in-house Crash Records unit resources to prepare and cleanse all crash reports to be utilized for developing safety improvement programs. The staff ensure the completeness, accuracy and accessibility of crash data. This is accomplished through a cooperative effort between BTDS, OIT and other HSIP agencies in sharing issues related to the integrity of the data. This program also covers the Electronic Data Transfer (EDT) which expand the FTP capabilities to receive digital crash reports from additional law enforcement agencies. The new Crash Records EDT contract will introduce the use of electronic devices to collect information. It will enable to streamline crash records data validation, correction process and error handling.

NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: O10c (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$10.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	HSIP	\$2.500	\$2.500	\$2.500	\$2.500	\$15.000
		\$2.500	\$2.500	\$2.500	\$2.500	\$15.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

New Jersey Rail Freight Assistance Program

DBNUM: X34

This program funds the rehabilitation and improvement of key elements of the New Jersey rail freight network. Funds are used for acquisition, rehabilitation, facility construction, and substitute service assistance under the State Freight Assistance Program. The program provides matching funds to federal grants and to participate in other projects and programs that improve the intermodal goods movement network and support economic development initiatives. The program also provides funding for the design, construction, reconstruction, rehabilitation, land acquisition, and environmental mitigation of freight rail projects that: are significant to port commerce connectivity; eliminate rail freight missing links to port facilities; or upgrade freight rail trackage to a 286,000 pound load carrying capacity.

NJDOT CIS Category: Multimodal Programs

RCIS Category: Freight

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$100.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$25.000	\$25.000	\$25.000	\$25.000	\$150.000
		\$25.000	\$25.000	\$25.000	\$25.000	\$150.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

New Jersey Scenic Byways Program

DBNUM: X200C

This program will assist in the advancement of the NJ Scenic Byways Program and the stewardship and enhancement of the scenic, recreational, archaeological, natural, cultural and historic intrinsic qualities associated with the designated byways. Funding will be utilized for planning, design and development of the state program and for planning, design, development, marketing and implementation of the complete set of byways within the state program. This includes but is not limited to research leading to the development of themes for byways on a statewide basis; technical assistance to specifically provide awareness and education about the byways, activities associated with identifying and marketing tourist amenities on scenic byways on a statewide basis, activities associated with assessing the economic impacts on the set of Byways, activities associated in building stronger partnerships between the byways and other groups that can assist them in sustaining and promoting their byways.

NJDOT CIS Category: Road Assets

RCIS Category: Environment/Air Quality

Sponsor: NJDOT

Air Quality Code: O5 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$2.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	TA-FLEX	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

Orphan Bridge Reconstruction

DBNUM: 99372

This program provides funding for engineering and construction of orphan bridges. The bridges will be designed utilizing in-house and task order designers. The bridges will be reconstructed in the existing footprint, with the abutments being repaired, and the superstructures being replaced with prefabricated/precast systems whenever possible.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$16.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
		\$4.000	\$4.000	\$4.000	\$4.000	\$24.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Park and Ride/Transportation Demand Management Program

DBNUM: X28B

This program supports Transportation Demand Management (TDM) options for carpooling, vanpooling, and transit by providing funding of leases for park-and-rides in areas with high demand throughout the state. The department continues to support approximately 15 leased park-and-rides statewide in an effort to reduce air pollution and congestion and improve air quality.

NJDOT CIS Category: Congestion Relief

RCIS Category: TDM

Sponsor: NJDOT

Air Quality Code: AQ1 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$4.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$6.000

Physical Plant

DBNUM: X29

This program will provide for major repairs, rehabilitation, and replacement of the NJDOT physical plant facilities which are not in compliance with fire and safety standards, do not meet building codes, or which are functionally obsolete for supporting current maintenance, construction, and engineering activities.

NJDOT CIS Category: Transportation Support Facilities

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$84.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$10.000	\$24.000	\$25.000	\$25.000	\$150.000
		\$10.000	\$24.000	\$25.000	\$25.000	\$150.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Planning and Research, Federal-Aid

DBNUM: X30

Funding from this program will enable NJDOT to continue to address planning and research needs in a comprehensive program of studies and proposal development in order to maximize the use of financial resources and staff. Activities will include data collection, inter-governmental planning coordination, planning work in support of the management systems, research initiatives and Local Technical Assistance Program.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: O10c (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$166.364

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
PLS	LTAP	\$.150	\$.150	\$.150	\$.150	\$.900
PLS	SPR	\$22.509	\$22.509	\$22.509	\$22.509	\$135.054
PLS	STBGP-FLEX	\$18.300	\$18.913	\$19.226	\$19.289	\$117.057
		\$40.959	\$41.572	\$41.885	\$41.948	\$253.011

Planning and Research, State

DBNUM: X140

This program will provide for planning activities which include needs assessments, geometric deficiencies, local aid assistance, congestion management, travel market analysis, formulation of a new statewide plan, facilitating/implementing multimodal transportation, demographics, access management plans, transportation policy, equipment, modeling, clean air initiatives, data collection equipment, deployment of new technology initiatives, and research initiatives.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: O10c (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$4.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
PLS	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$6.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Pre-Apprenticeship Training Program for Minorities and Women

DBNUM: X135

This is a federal grant program that supports pre-apprenticeship training and outreach activities aimed at women and minorities including training and supportive services necessary to help them prepare and qualify for union apprenticeship programs connected with highway construction and employment with NJ DOT. This program will also support the technology required to monitor, maintain and generate reports on program essentials and trainee participant progress.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$2.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

Program Implementation Costs, NJDOT

DBNUM: X10

This program will provide funding for salaries and other administrative expenses which directly relate to developing and delivering the Capital Program. This funding is allocated for multi-year and previously authorized project costs.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$426.900

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$104.040	\$104.210	\$108.240	\$110.410	\$710.410
		\$104.040	\$104.210	\$108.240	\$110.410	\$710.410

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Project Development: Concept Development and Preliminary Engineering

DBNUM: 10344

This program will provide funding for Concept Development and Preliminary Engineering work on various identified projects on the state transportation system. Functions to be performed include, but are not limited to, data collection including traffic counts and review of as-built plans, evaluation of existing deficiencies, evaluation of existing safety conditions, environmental screenings, assessment of right-of-way and access impacts, assessment of environmental impacts, identification of a Preliminary Preferred Alternative, National Environmental Protection Agency classification, estimates, technical environmental studies, base mapping/surveying, utility investigations, right of way research and estimates, drainage investigations, geotechnical investigations, engineering in support of the environmental document, an approved environmental document, cost estimates and community outreach/involvement.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: O1 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$19.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CD	STATE	\$5.000	\$4.000	\$5.000	\$5.000	\$30.000
		\$5.000	\$4.000	\$5.000	\$5.000	\$30.000

Project Management & Reporting System (PMRS)

DBNUM: 05341

This funding is provided to support planned Capital Program Management work, and incorporate functionality by other areas of the department, as well. The PMRS program will provide a collaborative environment for all department stakeholders to utilize one Project Reporting & Management System to manage projects from start to finish. PMRS will facilitate access by all parties, and allow colaberative input into the process. Such initial, Department-wide, access will, ultimately, reduce project costs.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$5.770

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
DES	STATE	\$2.380	\$1.130	\$1.130	\$1.130	
		\$2.380	\$1.130	\$1.130	\$1.130	

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Project Management Improvement Initiative Support

DBNUM: 17337

Provides expert consulting services, related to processes and organizational development, in the area of project and program management, including information systems architecture and integration for project and construction management information technology systems. Provides program management services to NJDOT for the implementation of Project Management and Reporting Systems including; e-Builder Enterprise Software as a Service information system, and other sub-systems such as Bluebeam. Provides coaching and mentoring services to NJDOT personnel in the areas of; project and program management, general organizational behavior of project related organizations, and training assessment guidance.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$7.600

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
DES	STATE	\$2.500	\$2.500	\$1.300	\$1.300	
		\$2.500	\$2.500	\$1.300	\$1.300	

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Rail-Highway Grade Crossing Program, Federal

DBNUM: X35A1

This program will provide funding for the elimination of hazards at rail-highway grade crossings, the rehabilitation of grade crossing surfaces, and the installation of protective warning devices for roadways both on and off the federal-aid system. Funding will also be provided for the traffic control items required during the construction work and the installation of advance warning signs and pavement markings at all highway-rail grade crossings.

NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: S1 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$68.015

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	RHC	\$2.875	\$2.946	\$3.018	\$3.092	\$20.215
EC	RHC-AC	\$1.061				
EC	RHC-ALLEN	\$.139				
EC	RHC-B5K200K	\$1.715				
EC	RHC-FLEX	\$11.998	\$11.998	\$3.999		
EC	RHC-L5K	\$2.099				
EC	RHC-NY/NWK	\$9.868	\$9.868	\$3.289		
EC	RHC-PGH/NWB	\$.048				
		\$29.804	\$24.812	\$10.307	\$3.092	\$20.215

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Rail-Highway Grade Crossing Program, State

DBNUM: X35A

This program will provide state funding for the elimination of hazards at rail-highway grade crossings by the closure of crossings or the upgrade/improvement of protective warning devices for roads throughout the state. This funding will allow flexibility in allocating monies for emergency repairs as well as to the areas in need regardless of their geographic location (MPO). This program will also allow grade crossing closures without drawing down the federal funds used for grade crossing improvements. Funding will also be provided for the design of traffic detours required for the crossing surface reconstruction projects.

This program will also provide funding for emergency repairs to the riding surface of highway-rail grade crossings identified during inspections or from complaints received. These repairs will be accomplished by an NJDOT contractor as priority situations are identified. These repairs will be limited to surface repairs that do not require railroad infrastructure work, or reconstruction of the crossing. This program will also include the installation of roadway-related items (signs, pavement markings) that have been identified as missing or needing replacement or are required (outstanding work from municipalities and counties) to close out federally funded grade crossing projects from previous years.

NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$8.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CON	STATE	\$1.000	\$1.000	\$1.000	\$5.000	\$30.000
		\$1.000	\$1.000	\$1.000	\$5.000	\$30.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Recreational Trails Program

DBNUM: 99409

New Jersey's Recreational Trails Program provides grants to public agencies and non-profit organizations for a variety of trail projects. The program is administered by the NJ Department of Environmental Protection, Division of Parks and Forestry. Under the program, a minimum of 30 percent of the project funding must be provided for motorized trail projects (ATVs, dirt bikes, snowmobiles), 30 percent for non-motorized (hiking, biking, horseback riding), and 40 percent for diverse use, which is any combination of motorized and non-motorized trail user types. New Jersey has established a maximum grant award of \$25,000 for non-motorized and diverse projects. Grantees must match 20 percent of the total project costs.

NJDOT CIS Category: Multimodal Programs

RCIS Category: Bike/Ped

Sponsor: NJDEP

Air Quality Code: AQ2 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$4.907

Unconstrained
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	TA-RTP	\$1.227	\$1.227	\$1.227	\$1.227	\$7.361
		\$1.227	\$1.227	\$1.227	\$1.227	\$7.361

Regional Action Program

DBNUM: X144

This program funds low-cost, quick turn-around capital improvements accomplished under management of the NJDOT Office of Landscape Architecture and the Regional Director for Regional Operations in each of the NJDOT regions. Funding is also provided for small-scale landscape contracts in an effort to minimize adverse effects of highways where engineering solutions are prohibitive.

NJDOT CIS Category: Road Assets

RCIS Category: Road Enhancement

Sponsor: NJDOT

Air Quality Code: O5 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$8.000

Unconstrained
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
		\$2.000	\$2.000	\$2.000	\$2.000	\$12.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

REVISION 1 AS OF 8/18/2020

Restriping Program & Line Reflectivity Management System

DBNUM: X03A

This program funds the application of long-life pavement markings and raised pavement markers on the state highway system. The Line Reflectivity Management Unit was formed, within Maintenance Engineering and Operations, to record reflectivity readings of pavement markings in order to more efficiently and effectively develop and implement the annual striping program for the NJDOT. All equipment purchases will be funded by the NJDOT equipment line item.

NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: S6 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$94.207

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$43.207	\$17.000	\$17.000	\$17.000	\$102.000
		\$43.207	\$17.000	\$17.000	\$17.000	\$102.000

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Restriping Program & Line Reflectivity Management System

DBNUM: X03A

This program funds the application of long-life pavement markings and raised pavement markers on the state highway system. The Line Reflectivity Management Unit was formed, within Maintenance Engineering and Operations, to record reflectivity readings of pavement markings in order to more efficiently and effectively develop and implement the annual striping program for the NJDOT. All equipment purchases will be funded by the NJDOT equipment line item.

NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: S6 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$71.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$20.000	\$17.000	\$17.000	\$17.000	\$102.000
		\$20.000	\$17.000	\$17.000	\$17.000	\$102.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Resurfacing Program

DBNUM: X03E

This comprehensive program funds renewed riding surfaces on state highways in order to prolong the life of pavement and provide an improved ride. This resurfacing program is a key component of the NJDOT's broader Pavement Management Program, which is aimed at preserving and extending the life of state highways. Individual highway segments are selected for resurfacing, or other treatments, through the NJDOT's Pavement Management System. This program consists primarily of resurfacing of highway segments, but may also include; selected repair activities, minor upgrades such as curbing, application of long-life pavement markings and raised pavement markers, and the acquisition of essential equipment and materials.

NJDOT CIS Category: Road Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: S10 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$400.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$100.000	\$100.000	\$100.000	\$100.000	\$600.000
		\$100.000	\$100.000	\$100.000	\$100.000	\$600.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

REVISION 2 AS OF 10/20/2020

Resurfacing, Federal

DBNUM: 99327A

Funding from this program provides design and construction of pavement resurfacing projects. This program also provides; pavement recommendations, surveys, aerial photography, photogrammetry, base mapping, and engineering, needed to prepare contract documents in order to advertise resurfacing projects. In addition, this program funds contractor services to construct resurfacing projects. Project lists are developed from the Pavement Management System and visual inspection of roadway segments in need of repair. This program also funds preliminary engineering for pavement reconstruction projects.

NJDOT CIS Category: Road Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: S10 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$7.332

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$1.000	\$1.000	\$1.000	\$1.000	\$33.000
ERC	NHPP		\$1.059			\$557.638
ERC	STBGP-FLEX	\$.259	\$2.014			
		\$1.259	\$4.073	\$1.000	\$1.000	\$590.638

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

REVISION 1 AS OF 8/31/2020

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Resurfacing, Federal

DBNUM: 99327A

Funding from this program provides design and construction of pavement resurfacing projects. This program also provides; pavement recommendations, surveys, aerial photography, photogrammetry, base mapping, and engineering, needed to prepare contract documents in order to advertise resurfacing projects. In addition, this program funds contractor services to construct resurfacing projects. Project lists are developed from the Pavement Management System and visual inspection of roadway segments in need of repair. This program also funds preliminary engineering for pavement reconstruction projects.

NJDOT CIS Category: Road Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: S10 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$4.259

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$1.000	\$1.000	\$1.000	\$1.000	\$33.000
ERC	NHPP					\$557.638
ERC	STBGP-FLEX	\$.259				
		\$1.259	\$1.000	\$1.000	\$1.000	\$590.638

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

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NJDOT CIS Category: Road Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: S10 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$4.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$1.000	\$1.000	\$1.000	\$1.000	\$33.000
ERC	NHPP					\$557.638
		\$1.000	\$1.000	\$1.000	\$1.000	\$590.638

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Right of Way Database/Document Management System

DBNUM: 05339

This program funds the ongoing maintenance (web hosting and routine repairs) and updates for ROW unit (PAECETrack) and Access unit (Highway Access Permitting System) databases. The system is a web based allowing access from the field. The system is approved and supported by the Office of Information Technology. This system has scheduling, document production, management control, GIS, and extensive reporting capabilities. Both systems are being upgraded to keep pace with new requirements and regulatory changes. Cost covers both annual hosting and occasional upgrades as may be required.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$1.200

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$.300	\$.300	\$.300	\$.300	\$1.800
		\$.300	\$.300	\$.300	\$.300	\$1.800

Right of Way Full-Service Consultant Term Agreements

DBNUM: 05340

This program will allow for the increased utilization of full service ROW consultant firms to address peak workload demands in the right of way component of the capital program delivery process. Due to staff reduction from retirements and loss of institutional specialists, it may be necessary to provide for supplementary consultant forces to work with the right of way team on specific projects. The task order agreements will be established based on initial funding amounts of \$10,000, with the continued funding of individual task order assignments through project specific state and federal right of way funding accounts.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$1.400

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ROW	STATE	\$.050	\$.050	\$.050	\$.050	\$.300
ROW	STBGP-FLEX	\$.300	\$.300	\$.300	\$.300	\$1.800
		\$.350	\$.350	\$.350	\$.350	\$2.100

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

REVISION 3 AS OF 5/11/2020

Rockfall Mitigation

DBNUM: X152

This program funds engineering services and construction of projects to reduce the potential of rockfall onto highways, preventing safety problems which could potentially cause personal injury and/or property damage. This program will also fund the maintaining of the Rockfall Hazard Mitigation System (RHMS), which evaluates all highway rock cuts and identifies potential rockfall issues. These activities will be performed utilizing both in-house and consultant engineering services.

NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: S2 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$28.006

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$4.178	\$9.000	\$4.000	\$7.000	\$23.000
ERC	STBGP-B5K200K	\$3.828				
		\$8.006	\$9.000	\$4.000	\$7.000	\$23.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

REVISION 2 AS OF 3/18/2020

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Rockfall Mitigation

DBNUM: X152

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NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: S2 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$36.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$11.172	\$9.000	\$5.000	\$7.000	\$23.000
ERC	STBGP-B5K200K	\$3.828				
		\$15.000	\$9.000	\$5.000	\$7.000	\$23.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

REVISION 1 AS OF 2/17/2020

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Rockfall Mitigation

DBNUM: X152

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NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: S2 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$43.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$12.172	\$14.000	\$6.000	\$7.000	\$23.000
ERC	STBGP-B5K200K	\$3.828				
		\$16.000	\$14.000	\$6.000	\$7.000	\$23.000

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Rockfall Mitigation

DBNUM: X152

This program funds engineering services and construction of projects to reduce the potential of rockfall onto highways, preventing safety problems which could potentially cause personal injury and/or property damage. This program will also fund the maintaining of the Rockfall Hazard Mitigation System (RHMS), which evaluates all highway rock cuts and identifies potential rockfall issues. These activities will be performed utilizing both in-house and consultant engineering services.

NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: S2 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$43.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	NHPP	\$16.000	\$14.000	\$6.000	\$7.000	\$23.000
		\$16.000	\$14.000	\$6.000	\$7.000	\$23.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

REVISION 1 AS OF 8/17/2020

Safe Routes to School Program

DBNUM: 99358

This program provides funding for locally initiated pedestrian access and safety projects to provide safe access to schools.

Funding is provided to the states to undertake a Safe Routes to Schools program. Ten to thirty percent of the money must fund enforcement, education and encourage programs. The remaining funding must fund programs leading to the construction of bicycle and pedestrian facilities as well as the salary of a full-time program coordinator. NJDOT designates as Advance Construction all projects funded from this program.

NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: Local Lead

Air Quality Code: AQ2 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$22.481

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	TA-FLEX	\$5.587	\$5.587	\$5.587	\$5.587	\$33.522
ERC	TA-TRENTON	\$.133				
		\$5.720	\$5.587	\$5.587	\$5.587	\$33.522

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

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NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: Local Lead

Air Quality Code: AQ2 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$22.348

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	TA-FLEX	\$5.587	\$5.587	\$5.587	\$5.587	\$33.522
		\$5.587	\$5.587	\$5.587	\$5.587	\$33.522

Safe Streets to Transit Program

DBNUM: 06402

This program identifies areas around train stations or bus stops and analyzes the risk based on crash history and exposure. Once the areas are identified, this program develops multi-modal improvement plans to address the issues.

NJDOT CIS Category: Safety Management

RCIS Category: Bike/Ped

Sponsor: NJDOT

Air Quality Code: S6 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$4.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$6.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Safety Programs

DBNUM: 19370

This program uses Highway Safety Improvement Program (HSIP) funding to support eligible Safety Engineering Projects and Pedestrian Safety Improvement Projects, including engineering, ROW and Construction activities intended to reduce fatalities and serious injuries on New Jersey roadways. Examples of some of these improvements are: striping, signage, crosswalks, bus shelters, handicap ramps, bicycle accommodations, travel lane modifications, resurfacing, changes in accommodating "U" turns, pedestrian refuge islands, designing for mature drivers, corner modifications and innovative technology, pavement improvements, traffic control signals, roundabouts, road diets, protection or removal of fixed objects, utility pole relocation or replacement, and systemic approaches to installation of land and roadway departure technologies to prevent vehicles from leaving their respective lanes and causing crashes, injuries, and/or deaths. Improve safety on NJ roadway

NJDOT CIS Category: Safety Management

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: S6 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$57.000

Unconstrained
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	HSIP	\$14.000	\$14.000	\$14.000	\$14.000	\$84.000
ERC	STATE	\$.250	\$.250	\$.250	\$.250	\$1.500
		\$14.250	\$14.250	\$14.250	\$14.250	\$85.500

Salt Storage Facilities - Statewide

DBNUM: 13307

This program provides construction of new salt barns at various maintenance yards across the State (1 per Region) to improve snow and ice removal capabilities, and response time.

NJDOT CIS Category: Transportation Support Facilities

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$12.000

Unconstrained
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$3.000	\$3.000	\$3.000	\$3.000	\$6.000
		\$3.000	\$3.000	\$3.000	\$3.000	\$6.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Sign Structure Inspection Program

DBNUM: X239

This program provides funding for the inspection of overhead and cantilever sign structures on state roadways. There are over 1,700 sign structures, including overhead, cantilever and variable message structures on state routes. This program also provides for the inspection of approximately 200 high mast light pole structures on state roadways.

NJDOT CIS Category: Bridge Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: 07 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$8.400

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$2.100	\$2.100	\$2.100	\$2.100	\$12.600
		\$2.100	\$2.100	\$2.100	\$2.100	\$12.600

Sign Structure Rehabilitation/Replacement Program

DBNUM: X239A

This program funds the rehabilitation and replacement of existing VMS (variable message signs), overhead and cantilever sign structures located on state highways. This program will also provide funding for recommendations, survey, aerial photography, photogrammetry, base mapping and engineering.

NJDOT CIS Category: Bridge Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: 07 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$4.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STBGP-FLEX	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$6.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

REVISION 1 AS OF 7/22/2020

Sign Structure Replacement Contract 2016-3

DBNUM: 15335

The project will replace 14 existing overhead sign structures on Routes 3, 7, 17, 46, and 280:

Route 3: 0204-202 (WB MP 6.40)

Route 7: 0909-202 (NB MP 1.43), 0910-200 (MP 1.52), 0910-201 (SB MP 1.58)

Route 17: 0211-202 (MP 3.70), 0211-201 (MP 3.73), 0211-203 (MP 3.88), 0211-204 (MP 3.95), 0211-200 (MP 4.25), 0211-205 (MP 4.35), 0211-206 (MP 4.40)

Route 46: 0222-201 (MP 71.37)

Route 280: 0730-216 (MP 12.39), 0730-222 (MP 12.96)

The project will also remove 1 Sign Structure on Route 7 at Northbound Milepost 1.58

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: O7 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$6.800

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CON	NHPP			\$6.800		
				\$6.800		

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

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Route 46: 0222-201 (MP 71.37)

Route 280: 0730-216 (MP 12.39), 0730-222 (MP 12.96)

The project will also remove 1 Sign Structure on Route 7 at Northbound Milepost 1.58

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: O7 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$6.800

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CON	NHPP	\$6.800				
		\$6.800				

Signs Program, Statewide

DBNUM: X39

This program provides funding for the systematic upgrade of state highway signs, including refurbishing of deteriorated signs, installation of new signs, and improvement and updating of messages.

NJDOT CIS Category: Road Assets

RCIS Category: ITS

Sponsor: NJDOT

Air Quality Code: O7 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$13.580

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$3.150	\$3.310	\$3.470	\$3.650	\$25.800
		\$3.150	\$3.310	\$3.470	\$3.650	\$25.800

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Smart and Connect Corridors Program

DBNUM: 19600

This program will provide funding for projects involving the deployment of communication devices and equipment at selected sections of corridors along the roadside and in vehicles enabling automatic transmission of safety messages; enabling the connectivity of vehicles to infrastructure and potential communication between vehicles.

NJDOT CIS Category: Congestion Relief

RCIS Category: ITS

Sponsor: NJDOT

Air Quality Code: S7 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$7.515

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
DES	STATE	\$2.150				
CON	STATE			\$5.365		
		\$2.150		\$5.365		

Solid and Hazardous Waste Cleanup, Reduction and Disposal

DBNUM: X160

This program will provide for the cleanup, reduction, and disposal of solid and hazardous waste materials from state highway system preservation operations and private disposal sites used during construction and subsequent maintenance of the transportation facility.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$5.320

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$1.330	\$1.330	\$1.330	\$1.330	\$7.980
		\$1.330	\$1.330	\$1.330	\$1.330	\$7.980

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Staff Augmentation

DBNUM: X10A

This program provides funds for engaging specialized consultant-staff to augment the New Jersey Department of Transportation's (NJDOT) permanent workforce. A hiring-freeze, which NJDOT was subject to for nearly a decade, has created a sizeable skills-void within the Department. To efficiently address the void, this program establishes an effective method of implementing key services, and provides flexibility in filling critical staff shortages, as necessary.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$31.000

Unconstrained
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$15.000	\$8.000	\$5.000	\$3.000	
		\$15.000	\$8.000	\$5.000	\$3.000	

State Police Enforcement and Safety Services

DBNUM: X150

This program provides reimbursement for State Police services for enforcement and traffic control in construction work zones.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Safety

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$21.000

Unconstrained
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$5.000	\$5.000	\$5.000	\$6.000	\$36.000
		\$5.000	\$5.000	\$5.000	\$6.000	\$36.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Statewide Traffic Operations and Support Program

DBNUM: 13308

This comprehensive Statewide Traffic Operations and support strategies program focuses on reducing non-recurring delays due to incidents, work zones, weather emergencies, poor signal timings, special events, etc. The program includes a Statewide Traffic Management Center (STMC), a Traffic Operations Center South (TOCS), a Safety Service Patrol (SSP), a NJDOT/NJSP Traffic Incident Management (TIM) Unit and a Central Dispatch Unit (CDU). The 24/7 Statewide Traffic Management Center (STMC) serves three primary functions: (1) It is the Traffic Operations Center (TOC) for the northern half of the state, (2) It provides for evening/weekend/holiday operations coverage for the entire state and (3) NJDOT is co-located with the New Jersey State Police and the New Jersey Turnpike Authority at the STMC to provide for a coordinated approach to handling traffic operations statewide. The 16/5 Traffic Operations Center South (TOCS) is responsible for coverage for the southern half of the state and monitors the Route 29 tunnel. The STMC handles coverage for TOCS during week nights (after 8:30 pm) and on weekends and holidays. The Safety Service Patrol (SSP) is deployed on congested corridors statewide to rapidly detect and clear incidents by providing safety for first responders and motorists. SSP also provides emergency assistance to disabled motorists. The 24/7 Central Dispatch Unit (CDU) is NJDOT's Emergency Call Center. The Traffic Incident Management (TIM) program is aimed at reducing delays due to traffic incidents. It provides for: (1) equipment and training for NJDOT's Incident Management Response Team (IMRT); (2) training and outreach for county and local emergency responders on methods to reduce traffic delays caused by incidents; (3) developing, printing and distributing diversion route manuals; (4) developing partnerships and outreach with local and state law enforcement organizations; and (5) maintaining a State Police Traffic Incident Management Unit.

NJDOT CIS Category: Congestion Relief

RCIS Category: ITS

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$74.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	NHPP	\$20.000	\$18.000	\$18.000	\$18.000	\$108.000
		\$20.000	\$18.000	\$18.000	\$18.000	\$108.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Storm Water Asset Management

DBNUM: 17353

This program provides a means for the Department to maintain compliance with USEPA and NJDEP storm water management regulations as well as ensuring the state's infrastructure system is resilient under moderate to severe storm events. The Storm Water Asset Management plan will evaluate and prioritize needed repairs to storm water features to maintain the integrity of the storm water system. This program will assist the Department in meeting water quality objectives of the USEPA & NJDEP storm water regulations, and help minimize potential roadway flooding. The plan will involve identification of all storm water features/assets owned or operated by NJDOT, assessing conditions of these assets, developing plans for needed repairs to preserve the integrity of the assets, prioritizing and conducting required repairs, and inspecting efforts to ensure repairs are done per plan.

NJDOT CIS Category: Road Assets

RCIS Category: Road Preservation

Sponsor: NJDOT

Air Quality Code: S4 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$13.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STBGP-FLEX	\$5.000	\$2.000	\$2.000	\$4.000	\$24.000
		\$5.000	\$2.000	\$2.000	\$4.000	\$24.000

Title VI and Nondiscrimination Supporting Activities

DBNUM: 14300

This is a State funded program that will support the activities required to ensure nondiscrimination in the delivery of the NJDOT Capital Program and related projects. Activities include, but are not limited to informational training sessions, translation services and the development of informational material (e.g., pamphlets, brochures, training guides and letters) disseminated to the public and in languages other than English as necessary. This program will also support activities and initiatives in the stand-alone Title VI programs, such as DBE and Contractor Compliance

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$0.700

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$.175	\$.175	\$.175	\$.175	\$1.050
		\$.175	\$.175	\$.175	\$.175	\$1.050

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Traffic Monitoring Systems

DBNUM: X66

This program provides for the collection of essential traffic and roadway inventory data including traffic counts, vehicle classifications, truck weights, roadway video, automated mapping and various other geographical information system activities. Included in this item are the construction, reconstruction and restoration of Weigh-in-Motion and Traffic Volume Systems; and acquisition of equipment to upgrade and to replace equipment which has failed. Site selection is made in accordance with federal requirements for the Traffic Monitoring Guide and the NJDOT's Traffic Monitoring System implementation plan that has been approved by the Federal Highway Administration. Funding is used for professional services to carry out the short-term traffic monitoring program, updates of the Straight Line Diagrams, annual Highway Performance Monitoring System reporting; and local road inventory database updates; for construction services for a contractor to replace in-road traffic monitoring sensors; to continue Data Warehouse Maintenance activities; to initiate/update a Roadway Digital Imaging Program; to fund data sets preparation to operate Safety Analyst software.

NJDOT CIS Category: Congestion Relief

RCIS Category: ITS

Sponsor: NJDOT

Air Quality Code: O10a (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$53.960

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
PLS	NHPP	\$12.000	\$12.000	\$12.000	\$12.000	\$72.000
EC	NHPP					\$2.000
EC	STATE	\$1.490	\$1.490	\$1.490	\$1.490	\$8.940
		\$13.490	\$13.490	\$13.490	\$13.490	\$82.940

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Traffic Signal Replacement

DBNUM: X47

This program provides funding for; purchase of materials, installation of new and upgraded traffic signals statewide, related improvements to the operation of signals. This program provides for the replacement of traffic signals on an annual basis, and assists regional operations in the rehabilitation and maintenance of the state's highway lighting system. It also includes the conversion to energy efficient LED indicators, and installation of generators to provide auxiliary power, which will enable traffic signals to function during times of extended power outages. Through the Traffic Signal Management System, which provides a condition rating of signal equipment integrated with crash data and Congestion Management System Data, this program (developed via consultant RFP, analyzing corridor segments and creating a safety ranking based on MUTCD compliance, pedestrian facilities, controller capabilities, method of detection, accessibility, and other factors) will prioritize signals for replacement based on the above factors. The results from establishing the priority locations will allow systematic replacement of aging signal equipment, optimization of the operation of signals, and promote maximum efficiency of intersections.

NJDOT CIS Category: Road Assets

RCIS Category: ITS

Sponsor: NJDOT

Air Quality Code: S7 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$36.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$9.000	\$9.000	\$9.000	\$9.000	\$54.000
		\$9.000	\$9.000	\$9.000	\$9.000	\$54.000

Training and Employee Development

DBNUM: X244

This program provides for the assessment, planning, development and delivery of training and employee development programs inclusive of equipment, materials and software necessary to advance the skills and knowledge of Department employees to implement the Capital Program.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: O10c (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$8.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
		\$2.000	\$2.000	\$2.000	\$2.000	\$12.000

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Transportation Improvement Program Fiscal Years 2020 - 2023

Transit Village Program

DBNUM: 01316

This program will provide dedicated funding to local governments that have been selected for inclusion in the Transit Village Program. Projects which may be funded under this program are bike paths, sidewalks, streetscaping, and signage.

NJDOT CIS Category: Local System Support

RCIS Category: Economic Development

Sponsor: NJDOT

Air Quality Code: AQ2 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$4.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$6.000

Transportation Alternatives Program

DBNUM: X107

This program provides federal funding for projects such as scenic enhancements, historic preservation, and bicycle and pedestrian improvements. NJDOT designates as Advance Construction all projects funded from this program.

NJDOT CIS Category: Local System Support

RCIS Category: Transp. Enhancements

Sponsor: NJDOT

Air Quality Code: O8 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$32.914

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	TA-ALLEN	\$0.032	\$0.032	\$0.032	\$0.033	\$0.200
ERC	TA-B5K200K	\$0.396	\$0.398	\$0.401	\$0.403	\$2.475
ERC	TA-FLEX	\$1.081	\$1.137	\$1.193	\$1.249	\$8.693
ERC	TA-L5K	\$0.484	\$0.488	\$0.491	\$0.494	\$3.030
ERC	TA-NY/NWK	\$6.073	\$6.112	\$6.151	\$6.190	\$37.982
ERC	TA-PGH/NWB	\$0.011	\$0.011	\$0.011	\$0.011	\$0.069
		\$8.077	\$8.178	\$8.279	\$8.380	\$52.451

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Transportation Demand Management Program Support

DBNUM: X43

This funding is utilized to continue the management of the Owned and Leased Park and Ride Program and the remaining efforts as they relate to the 1-800-CARPOOL program which also includes maintaining the RidePro ride matching software program.

NJDOT CIS Category: Congestion Relief

RCIS Category: TDM

Sponsor: NJDOT

Air Quality Code: AQ1 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$1.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
PLS	CMAQ	\$.250	\$.250	\$.250	\$.250	\$1.500
		\$.250	\$.250	\$.250	\$.250	\$1.500

Transportation Research Technology

DBNUM: X126

This program provides funding for consultant and university research contracts to conduct multimodal transportation related research and knowledge and technology transfer activities on behalf of NJDOT, MVC and NJ Transit. A quick response Treasury selected research consultant as well as basic agreements with universities provides the mechanism to conduct research. Federal State Planning and Research, SPR, funds may be supplemented with state funds in order to meet federal matching requirements. Included in this line item are funds for American Association of State Highway Transportation Officials, (AASHTO), technical service programs and innovative products such as: Product Evaluation Listing; Technology Implementation Group; Technical Assistance for Climate Change, Material Standards, and Materials Reference Laboratory; SHRP product implementation.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$4.200

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$.900	\$1.000	\$1.100	\$1.200	\$12.700
		\$.900	\$1.000	\$1.100	\$1.200	\$12.700

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Transportation Improvement Program Fiscal Years 2020 - 2023

UHPC Overlay Research Project (8 Bridge Decks)

DBNUM: 18379

This project will evaluate the use of Ultra High Performance Concrete (UHPC) as a thin-bonded overlay on bridge decks, with a focus on increased service life and enhance structural capacity of the decks. In addition, deck repairs, as well as joint rehabilitation, will be evaluated during the design phase of the project.

Structure Numbers: 2106164, 1403153, 0914155, 0604152, 1134171, 0821166, 1817163, 1422164 will be included in the project.

NJDOT CIS Category: Bridge Assets

RCIS Category: Bridges

Sponsor: NJDOT

Air Quality Code: S19 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$8.500

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CON	STATE	\$8.500				
		\$8.500				

Unanticipated Design, Right of Way and Construction Expenses, State

DBNUM: X11

This program provides funding for unanticipated project needs, contract change orders, consultant agreement modifications, utility readjustments, elements of federal-aid projects for which federal funding is not available under federal regulations, court-ordered condemnation awards, acceleration of federal-aid projects through multi-year funding agreements with Federal Highway Administration settlement of project accounting discrepancies with Federal Highway Administration, and minor work identified during the year.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$147.870

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$35.290	\$29.970	\$44.750	\$37.860	\$362.180
		\$35.290	\$29.970	\$44.750	\$37.860	\$362.180

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Utility Pole Mitigation

DBNUM: 15344

This project seeks to identify and mitigate locations with incidents of high recurring utility pole accidents. The mitigation project is limited in scope and resources and encompasses 3 to 5 crash locations per year.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$0.700

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	HSIP	\$.175	\$.175	\$.175	\$.175	\$1.050
		\$.175	\$.175	\$.175	\$.175	\$1.050

Utility Reconnaissance and Relocation

DBNUM: X182

This program reimburses utility companies for design and construction costs incurred when the utility companies are required to relocate facilities due to a transportation improvement project. This program also funds subsurface testing as a mitigation measure to accurately locate and identify underground utilities to moderate or lessen the impact with utility locations during the design and construction phases of a transportation improvement project.

NJDOT CIS Category: Road Assets

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$10.000

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$2.500	\$2.500	\$2.500	\$2.500	\$15.000
		\$2.500	\$2.500	\$2.500	\$2.500	\$15.000

NJTPA

Transportation Improvement Program Fiscal Years 2020 - 2023

Youth Employment and TRAC Programs

DBNUM: X199

This is a federal grant program that provides employment and training opportunities to at-risk youths in NJ, especially those in urban areas, during annual implementation of the NJDOT Urban Youth Corps Program. This grant also provides funding to support the TRAC Program, which links school systems to the NJDOT by having department engineers volunteer as mentors to introduce students to careers in civil engineering.

NJDOT CIS Category: Capital Program Delivery

RCIS Category: Overhead

Sponsor: NJDOT

Air Quality Code: Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$1.400

**Unconstrained
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STBGP-FLEX	\$.350	\$.350	\$.350	\$.350	\$2.100
		\$.350	\$.350	\$.350	\$.350	\$2.100