

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

ADA--Platforms/Stations

DBNUM: T143

Funding is provided for the design and construction of necessary repairs to make NJ TRANSIT's rail stations, and subway stations more accessible for the Americans with Disabilities Act (ADA) including related track and infrastructure work. Funding is requested for repairs, upgrades, equipment purchase, platform extensions, and transit enhancements throughout the system and other accessibility repairs/improvements at stations.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT7, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$40.738**

FY 2020 - 2023 TIP Cost: (Million) \$2.100

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$.350	\$.350	\$.700	\$.700	\$4.200
		\$.350	\$.350	\$.700	\$.700	\$4.200

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Bridge and Tunnel Rehabilitation

DBNUM: T05

This program provides funds for the design, repair, rehabilitation, replacement, painting, inspection of tunnels/bridges, and other work such as movable bridge program, drawbridge power program, and culvert/bridge/tunnel right of way improvements necessary to maintain a state of good repair.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Bridge Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

S19 (Exempt)

**Est. Total Project Cost:**

**(Million) \$337.848**

FY 2020 - 2023 TIP Cost: (Million) \$183.838

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$56.756	\$79.430	\$21.984	\$25.668	\$154.010
		\$56.756	\$79.430	\$21.984	\$25.668	\$154.010

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Bus Acquisition Program

**DBNUM:** T111

This program provides funds for replacement of transit, commuter, access link, and suburban buses for NJ TRANSIT as they reach the end of their useful life as well as the purchase of additional buses to meet service demands. Federal lease payments are provided for 1371 Cruiser buses. Pay-as-you-go funding is provided for over 2300 buses replacements over the next 10-years including but not limited to cruiser buses, NABI buses, and articulated buses. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT10 (Exempt)

**Est. Total Project Cost:**

**(Million)** \$1,091.079

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Bus Acquisition Program	5339					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$478.276**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	SECT 5339	\$22.248	\$24.349			
CAP	STATE	\$84.528	\$84.756	\$119.286	\$143.110	\$659.400
		\$106.776	\$109.105	\$119.286	\$143.110	\$659.400

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Bus Acquisition Program

**DBNUM: T111**

This program provides funds for replacement of transit, commuter, access link, and suburban buses for NJ TRANSIT as they reach the end of their useful life as well as the purchase of additional buses to meet service demands. Federal lease payments are provided for 1371 Cruiser buses. Pay-as-you-go funding is provided for over 2300 buses replacements over the next 10-years including but not limited to cruiser buses, NABI buses, and articulated buses. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.



**Counties:**  
Various

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT10 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$1,091.079**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bus Acquisition Program	5339					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$453.927**

**Unconstrained  
Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
CAP	SECT 5339	\$22.248				
CAP	STATE	\$84.528	\$84.756	\$119.286	\$143.110	\$659.400
		\$106.776	\$84.756	\$119.286	\$143.110	\$659.400

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Bus Acquisition Program

**DBNUM: T111**

This program provides funds for replacement of transit, commuter, access link, and suburban buses for NJ TRANSIT as they reach the end of their useful life as well as the purchase of additional buses to meet service demands. Federal lease payments are provided for 1371 Cruiser buses. Pay-as-you-go funding is provided for over 2300 buses replacements over the next 10-years including but not limited to cruiser buses, NABI buses, and articulated buses. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.



**Counties:**  
Various

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT10 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$1,091.079**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Bus Acquisition Program	5339					\$35.115

**FY 2020 - 2023 TIP Cost: (Million) \$431.679**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	STATE	\$84.528	\$84.756	\$119.286	\$143.110	\$659.400
		\$84.528	\$84.756	\$119.286	\$143.110	\$659.400

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Bus Passenger Facilities/Park and Ride

DBNUM: T06

This program provides funds for the bus park and ride program, improvements to bus passenger facilities and the purchase and installation of bus stop signs and shelters systemwide. This program also involves the construction of an improved vehicular ground transportation facility at Frank R. Lautenberg (FRL) Station in Secaucus, NJ. Pedestrian connections to the rail terminal and signage improvements within and outside of the station are also included as part of this project including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT7 (Exempt)

**Est. Total Project Cost:**

**(Million) \$15.500**

FY 2020 - 2023 TIP Cost: (Million) \$2.240

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$.560	\$.560	\$.560	\$.560	\$3.360
		\$.560	\$.560	\$.560	\$.560	\$3.360

Transportation Improvement Program Fiscal Years 2020 - 2023

Bus Support Facilities and Equipment

DBNUM: T08

This program provides funds to maintain NJ TRANSIT's bus fleet including but not limited to, bus tires, engines and transmissions and other parts, support vehicles/equipment (for bus operations), maintenance equipment, and bus mid-life overhaul needs. Also included is midlife rehabilitation of bus facilities, other capital improvements to various support facilities and bus mid-life overhauls including but not limited to acquisition of properties and any items or services needed to support the acquisition. This program also involves the replacement of two CNG Compressor filling stations at Howell Garage.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**

(Million) \$198.132

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Bus Support Facilities and Equipment	SECT 5307					\$0.000
	SECT 5337					\$0.000
	SECT 5339					\$0.000
	SECT 5339/5307					\$0.000

FY 2020 - 2023 TIP Cost: (Million) \$110.712

Unconstrained Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307		\$2.000			
ERC	SECT 5337		\$20.000			
ERC	SECT 5339	\$6.950	\$45.563		\$8.840	\$53.042
ERC	SECT 5339/5307		\$3.055			
ERC	STATE	\$3.451	\$3.451	\$3.451	\$13.951	\$83.706
		\$10.401	\$74.069	\$3.451	\$22.791	\$136.748

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Bus Support Facilities and Equipment

**DBNUM: T08**

This program provides funds to maintain NJ TRANSIT's bus fleet including but not limited to, bus tires, engines and transmissions and other parts, support vehicles/equipment (for bus operations), maintenance equipment, and bus mid-life overhaul needs. Also included is midlife rehabilitation of bus facilities, other capital improvements to various support facilities and bus mid-life overhauls including but not limited to acquisition of properties and any items or services needed to support the acquisition. This program also involves the replacement of two CNG Compressor filling stations at Howell Garage.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**

**(Million) \$198.132**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bus Support Facilities and Equipment	SECT 5307					\$0.000
	SECT 5337					\$0.000
	SECT 5339					\$0.000
	SECT 5339/5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$96.039**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	SECT 5307		\$2.000			
ERC	SECT 5337		\$20.000			
ERC	SECT 5339	\$6.950	\$30.890		\$8.840	\$53.042
ERC	SECT 5339/5307		\$3.055			
ERC	STATE	\$3.451	\$3.451	\$3.451	\$13.951	\$83.706
		\$10.401	\$59.396	\$3.451	\$22.791	\$136.748



**Transportation Improvement Program Fiscal Years 2020 - 2023**

Bus Support Facilities and Equipment

**DBNUM: T08**

This program provides funds to maintain NJ TRANSIT's bus fleet including but not limited to, bus tires, engines and transmissions and other parts, support vehicles/equipment (for bus operations), maintenance equipment, and bus mid-life overhaul needs. Also included is midlife rehabilitation of bus facilities, other capital improvements to various support facilities and bus mid-life overhauls including but not limited to acquisition of properties and any items or services needed to support the acquisition. This program also involves the replacement of two CNG Compressor filling stations at Howell Garage.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**

**(Million) \$198.132**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Bus Support Facilities and Equipment	SECT 5307					\$0.000
	SECT 5337					\$0.000
	SECT 5339					\$0.000
	SECT 5339/5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$96.039**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307	\$2.000				
ERC	SECT 5337	\$20.000				
ERC	SECT 5339	\$22.140	\$15.700		\$8.840	\$53.042
ERC	SECT 5339/5307	\$3.055				
ERC	STATE	\$3.451	\$3.451	\$3.451	\$13.951	\$83.706
		\$50.646	\$19.151	\$3.451	\$22.791	\$136.748

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Bus Support Facilities and Equipment

**DBNUM: T08**

This program provides funds to maintain NJ TRANSIT's bus fleet including but not limited to, bus tires, engines and transmissions and other parts, support vehicles/equipment (for bus operations), maintenance equipment, and bus mid-life overhaul needs. Also included is midlife rehabilitation of bus facilities, other capital improvements to various support facilities and bus mid-life overhauls including but not limited to acquisition of properties and any items or services needed to support the acquisition. This program also involves the replacement of two CNG Compressor filling stations at Howell Garage.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**

**(Million) \$198.132**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
<b>Bus Support Facilities and Equipment</b>	SECT 5307					\$2.000
	SECT 5337					\$20.000
	SECT 5339					\$9.600
	SECT 5339/5307					\$3.055

**FY 2020 - 2023 TIP Cost: (Million) \$61.384**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
<b>ERC</b>	<b>SECT 5339</b>	\$12.540	\$15.700		\$8.840	\$53.042
<b>ERC</b>	<b>STATE</b>	\$3.451	\$3.451	\$3.451	\$13.951	\$83.706
		\$15.991	\$19.151	\$3.451	\$22.791	\$136.748

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Bus Vehicle and Facility Maintenance/Capital Maintenance

**DBNUM:** T09

Funding is provided for acquisition/installation/rehabilitation of major components associated with capital equipment and facilities in accordance with Transportation Trust Fund requirements and expanded eligibility criteria.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT10 (Exempt)

FY 2020 - 2023 TIP Cost: (Million) \$0.000

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE					\$.001
						\$.001

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Capital Program Implementation

DBNUM: T68

Funding is provided for capital project management activities associated with capital program/project delivery including procurement and DBE/SBE activities.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Overhead

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

Not Applicable

**Est. Total Project Cost:**

**(Million) \$150.290**

FY 2020 - 2023 TIP Cost: (Million) \$60.116

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$15.029	\$15.029	\$15.029	\$15.029	\$90.174
		\$15.029	\$15.029	\$15.029	\$15.029	\$90.174

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Casino Revenue Fund

DBNUM: T515

State law provides 8.5% of the Casino Tax Fund to be appropriated for transportation services for senior and disabled persons. This element also supports capital improvements that benefit the senior and disabled populations. The law provides 85% of these funds to be made available to the counties through NJ TRANSIT for capital, operating, and administrative expenses for the provision of locally coordinated para-transit services. The amount each county receives is determined by utilizing an allocation formula based on the number of residents 60 years of age and over as reflected in the most recent U.S. Census Report.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Local System Support

**RCIS Category:**

TDM

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

Not Applicable

**Est. Total Project Cost:**

**(Million) \$130.047**

FY 2020 - 2023 TIP Cost: (Million) \$51.986

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	CASINO REVENUE	\$12.956	\$13.010	\$13.010	\$13.010	\$78.061
		\$12.956	\$13.010	\$13.010	\$13.010	\$78.061

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Claims support

DBNUM: T13

Funding is provided for claims related to capital projects, expert witnesses, court settlement, and other costs to defend NJ TRANSIT's interests as a result of litigation.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

Not Applicable

FY 2020 - 2023 TIP Cost: (Million) \$0.000

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE					\$.001
						\$.001

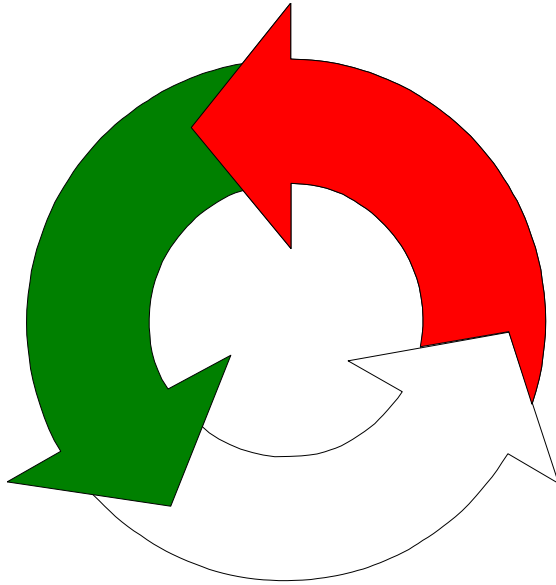
# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Environmental Compliance

DBNUM: T16

Funding is provided for compliance with environmental regulations at both bus, light rail and rail facilities and operating support includes but is not limited to replacement of leaking fuel tanks, clean up of contaminated soil and ground water, oil/water separators, asbestos removal, and fueling station improvements at various facilities etc.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**

**(Million) \$21.000**

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

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023		2024-2029
ERC	STATE	\$2.100	\$2.100	\$2.100	\$2.100		\$12.600
		\$2.100	\$2.100	\$2.100	\$2.100		\$12.600

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Ferry Program

DBNUM: T700

Program involves the Ferry Capital Improvement Program (FCIP), which will provide needed capital equipment enabling the participating operators to acquire, replace and rehabilitate ferries and other capital equipment and make ferry facility improvements as well as NJ TRANSIT’s administrative cost incurred for the FCIP program. This program includes federal dollars allocated from the Passenger Ferry Grant Program (Ferry Program), as authorized, under 49 U.S.C 5307 (Section 5307). Funding will be used to improve the state of good repair of the ferry fleet by retrofitting the power and propulsion systems of commuter ferry vessels to provide more efficient operation. This project will allow for improved ferry service for approximately 30,000 daily passengers travelling between the New York-New Jersey metropolitan regions. This program benefits the riding public by sustaining the availability of affordable mass transit service including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT1 (Exempt)

**Est. Total Project Cost:**

(Million) \$64.997

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Capital Ferry Improvement Program	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$36.250**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307	\$6.000	\$4.251			
ERC	STATE	\$6.500	\$6.500	\$6.500	\$6.500	\$38.998
		\$12.500	\$10.751	\$6.500	\$6.500	\$38.998



**Transportation Improvement Program Fiscal Years 2020 - 2023**

Ferry Program

**DBNUM: T700**

Program involves the Ferry Capital Improvement Program (FCIP), which will provide needed capital equipment enabling the participating operators to acquire, replace and rehabilitate ferries and other capital equipment and make ferry facility improvements as well as NJ TRANSIT’s administrative cost incurred for the FCIP program. This program includes federal dollars allocated from the Passenger Ferry Grant Program (Ferry Program), as authorized, under 49 U.S.C 5307 (Section 5307). Funding will be used to improve the state of good repair of the ferry fleet by retrofitting the power and propulsion systems of commuter ferry vessels to provide more efficient operation. This project will allow for improved ferry service for approximately 30,000 daily passengers travelling between the New York-New Jersey metropolitan regions. This program benefits the riding public by sustaining the availability of affordable mass transit service including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT1 (Exempt)

**Est. Total Project Cost:**

**(Million) \$64.997**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Capital Ferry Improvement Program	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$31.999**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	SECT 5307	\$6.000				
ERC	STATE	\$6.500	\$6.500	\$6.500	\$6.500	\$38.998
		\$12.500	\$6.500	\$6.500	\$6.500	\$38.998

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Ferry Program

**DBNUM: T700**

Program involves the Ferry Capital Improvement Program (FCIP), which will provide needed capital equipment enabling the participating operators to acquire, replace and rehabilitate ferries and other capital equipment and make ferry facility improvements as well as NJ TRANSIT’s administrative cost incurred for the FCIP program. This program includes federal dollars allocated from the Passenger Ferry Grant Program (Ferry Program), as authorized, under 49 U.S.C 5307 (Section 5307). Funding will be used to improve the state of good repair of the ferry fleet by retrofitting the power and propulsion systems of commuter ferry vessels to provide more efficient operation. This project will allow for improved ferry service for approximately 30,000 daily passengers travelling between the New York-New Jersey metropolitan regions. This program benefits the riding public by sustaining the availability of affordable mass transit service including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT1 (Exempt)

**Est. Total Project Cost:**

**(Million) \$64.997**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Capital Ferry Improvement Program	SECT 5307					\$6.000

**FY 2020 - 2023 TIP Cost: (Million) \$25.999**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$6.500	\$6.500	\$6.500	\$6.500	\$38.998
		\$6.500	\$6.500	\$6.500	\$6.500	\$38.998

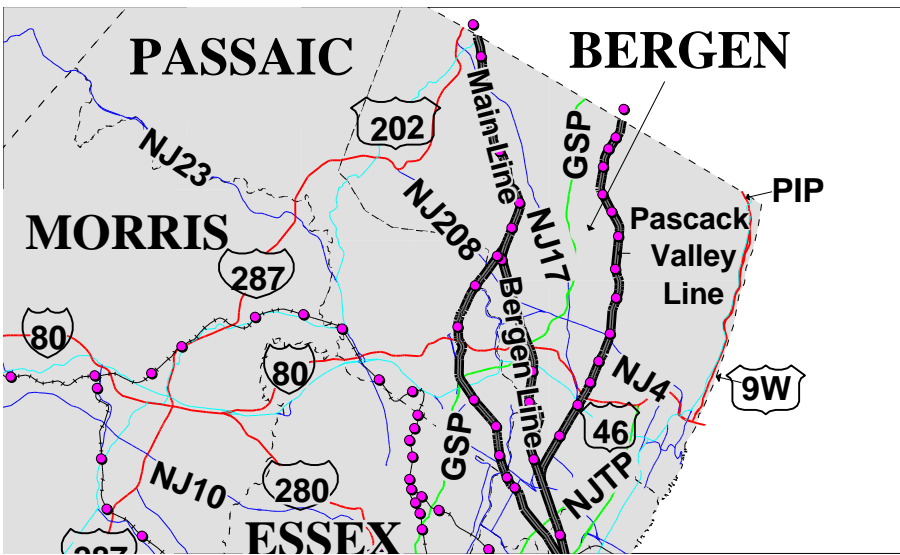
# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

High Speed Track Program

DBNUM: T43

Funding is provided for an annual program of high speed track rehabilitation including high speed surfacing, system wide replacement of life-expired ties and other rail improvements, right-of-way fencing, equipment necessary to maintain a state of good and safe repair, purchase of long lead-time materials for next construction season, maintenance-of-way work equipment, interlocking improvements, passing sidings, other improvements, materials and services as necessary to support the program. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.



**Counties:**  
Various

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Enhancement

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT9 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$19.695**

FY 2020 - 2023 TIP Cost: (Million) \$5.202

Unconstrained  
Information Year

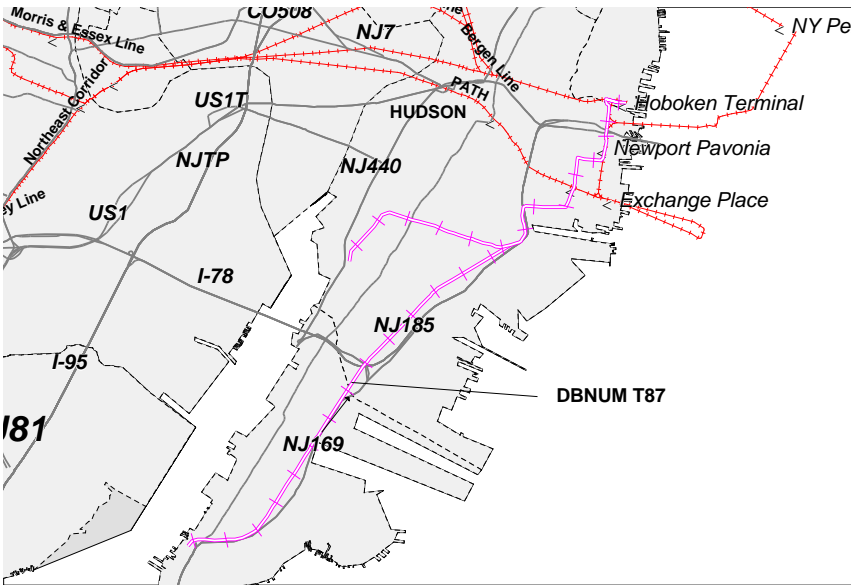
PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$.929	\$.929	\$.929	\$2.415	\$14.492
		\$.929	\$.929	\$.929	\$2.415	\$14.492

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Hudson-Bergen and Newark LRT System

**DBNUM: T87**

Funding is provided for annual Hudson-Bergen Capital Asset Replacement improvements, and other improvements along the Hudson-Bergen Light Rail Line, including rolling stock enhancements. Funding is provided for the Route 440 Extension Project is planned to provide convenient transit access for existing and future residents of the western waterfront area. The HBLR Route 440 Extension project would extend the HBLR West Side Avenue Branch from its current terminus at West Side Avenue in Jersey city to a new terminus station on the west side of State Route 440.



- Counties:**  
Hudson
- Municipalities:**  
Various
- NJ Transit CIS Category:**  
Mass Transit Assets
- RCIS Category:**  
Transit Expansion
- Sponsor:**  
NJ TRANSIT
- Air Quality Code:**  
MT10 (Exempt)
- Est. Total Project Cost:**  
**(Million) \$64.315**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Hudson-Bergen and Newark LRT System	DEMO					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$35.112**

**Unconstrained Information Year**

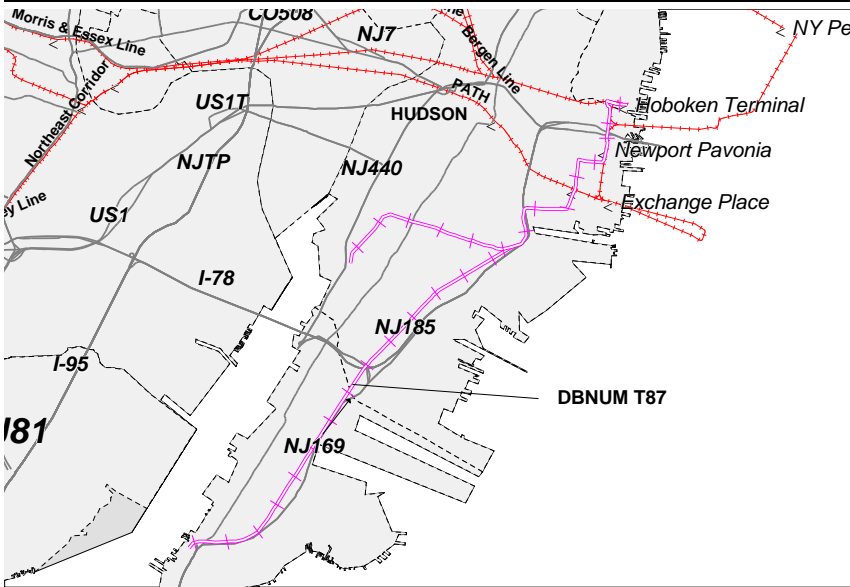
PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	DEMO		\$8.000			
ERC	SECT 5307		\$4.827			
ERC	STATE	\$1.270	\$7.005	\$7.005	\$7.005	\$42.030
		\$1.270	\$19.832	\$7.005	\$7.005	\$42.030

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Hudson-Bergen and Newark LRT System

**DBNUM: T87**

Funding is provided for annual Hudson-Bergen Capital Asset Replacement improvements, and other improvements along the Hudson-Bergen Light Rail Line, including rolling stock enhancements. Funding is provided for the Route 440 Extension Project is planned to provide convenient transit access for existing and future residents of the western waterfront area. The HBLR Route 440 Extension project would extend the HBLR West Side Avenue Branch from its current terminus at West Side Avenue in Jersey city to a new terminus station on the west side of State Route 440.



**Counties:**  
Hudson

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Expansion

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT10 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$64.315**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Hudson-Bergen and Newark LRT System	DEMO					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$30.285**

**Unconstrained Information Year**

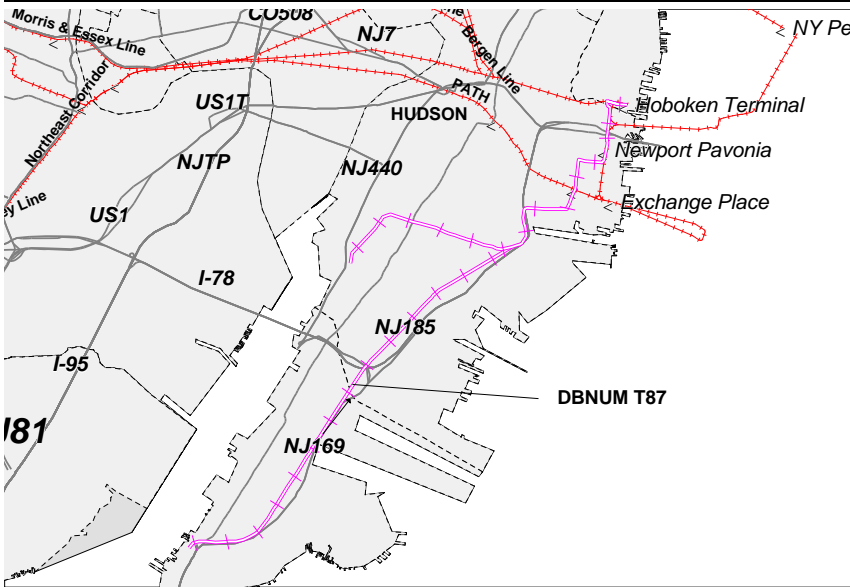
<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	DEMO		\$8.000			
ERC	STATE	\$1.270	\$7.005	\$7.005	\$7.005	\$42.030
		\$1.270	\$15.005	\$7.005	\$7.005	\$42.030

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Hudson-Bergen and Newark LRT System

**DBNUM: T87**

Funding is provided for annual Hudson-Bergen Capital Asset Replacement improvements, and other improvements along the Hudson-Bergen Light Rail Line, including rolling stock enhancements. Funding is provided for the Route 440 Extension Project is planned to provide convenient transit access for existing and future residents of the western waterfront area. The HBLR Route 440 Extension project would extend the HBLR West Side Avenue Branch from its current terminus at West Side Avenue in Jersey city to a new terminus station on the west side of State Route 440.



**Counties:**  
Hudson

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Expansion

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT10 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$64.315**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Hudson-Bergen and Newark LRT System	DEMO					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$30.285**

**Unconstrained Information Year**

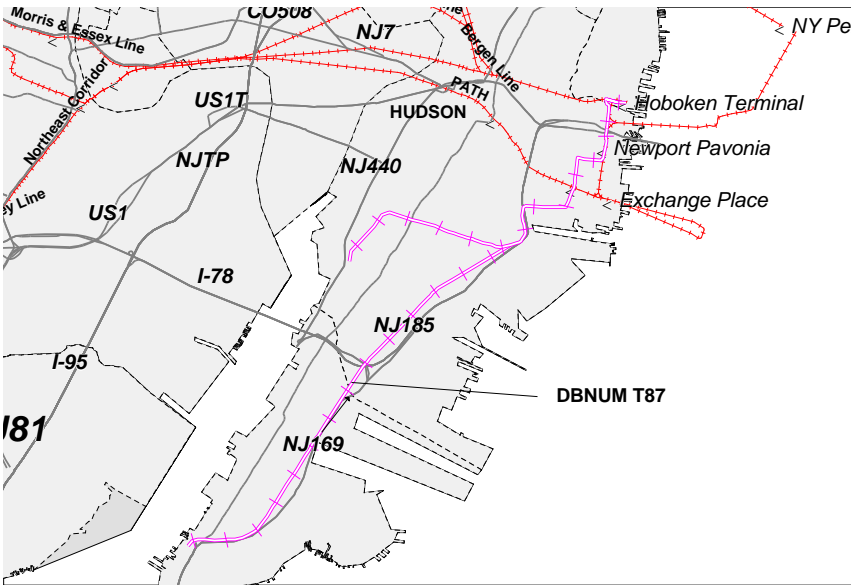
<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	DEMO	\$8.000				
ERC	STATE	\$1.270	\$7.005	\$7.005	\$7.005	\$42.030
		\$9.270	\$7.005	\$7.005	\$7.005	\$42.030

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Hudson-Bergen and Newark LRT System

**DBNUM: T87**

Funding is provided for annual Hudson-Bergen Capital Asset Replacement improvements, and other improvements along the Hudson-Bergen Light Rail Line, including rolling stock enhancements. Funding is provided for the Route 440 Extension Project is planned to provide convenient transit access for existing and future residents of the western waterfront area. The HBLR Route 440 Extension project would extend the HBLR West Side Avenue Branch from its current terminus at West Side Avenue in Jersey city to a new terminus station on the west side of State Route 440.



**Counties:**  
Hudson

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Expansion

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT10 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$64.315**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Hudson-Bergen and Newark LRT System	DEMO					\$8.000

**FY 2020 - 2023 TIP Cost: (Million) \$22.285**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
<b>ERC</b>	<b>STATE</b>	\$1.270	\$7.005	\$7.005	\$7.005	\$42.030
		\$1.270	\$7.005	\$7.005	\$7.005	\$42.030

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Hudson-Bergen LRT Northern Extension

DBNUM: T301

Funding is for the design, engineering, construction to reintroduce rail service between Englewood in Bergen County and North Bergen in Hudson County to improve regional mobility, mitigate traffic congestion, and foster economic investment. The reintroduction of rail transit service in eastern Bergen County will mark a significant step forward for congestion relief on local and county roads burdened by daily commuter traffic. Eastern Bergen County residents are significantly oriented to jobs in New York City and the Hudson County waterfront and Northern Branch service will provide a mass transit alternative. The 10-mile corridor extends from North Bergen to Englewood using the existing CSX Northern Branch freight corridor. The project will connect to the HBLR system, which terminates at Tonelle Avenue in North Bergen.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Expansion

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

2020M (Non-Exempt)

**Est. Total Project Cost:**

**(Million) \$33.000**

FY 2020 - 2023 TIP Cost: (Million) \$33.000

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$33.000				
		\$33.000				



# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Immediate Action Program

DBNUM: T20

Funding is provided for emergency project needs under the rail, bus, and headquarters programs; contract change orders; consultant agreement modifications; and other unanticipated work identified during the course of the year, thus allowing the agency to be responsive to emergency and unforeseen circumstances which arise unexpectedly.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

Not Applicable

**Est. Total Project Cost:**

**(Million)** \$109.518

FY 2020 - 2023 TIP Cost: (Million) \$38.120

Unconstrained  
Information Year

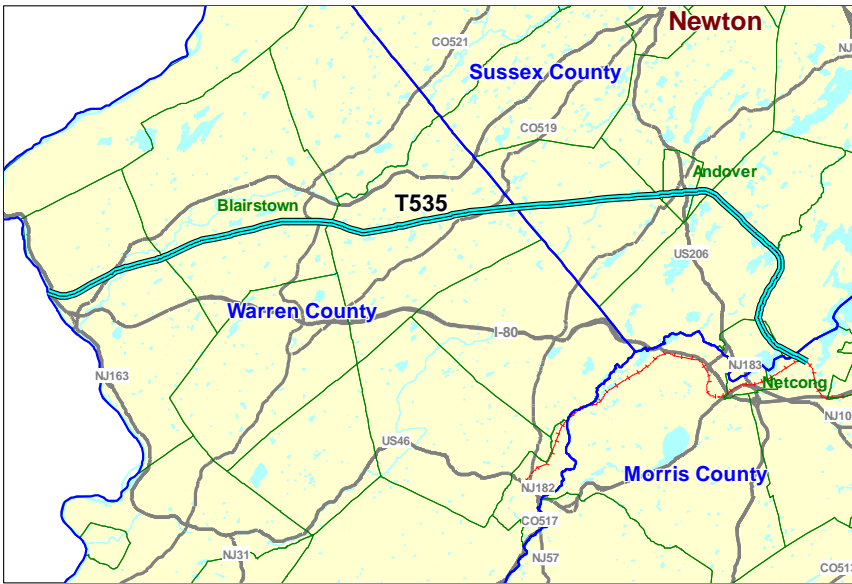
PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$5.819	\$6.448	\$7.516	\$18.337	\$71.398
		\$5.819	\$6.448	\$7.516	\$18.337	\$71.398

Transportation Improvement Program Fiscal Years 2020 - 2023

Lackawanna Cutoff MOS Project

DBNUM: T535

Funding is provided for FY 2008 New Starts earmarks for the Lackawanna Cutoff Rail project, which will provide an 88-mile, single-track commuter rail line with passing sidings between Scranton, Pennsylvania and Port Morris, New Jersey where it will connect with NJ TRANSIT's Boonton/Morristown Line. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. The total project cost of the 7.3 mile Lackawanna Cutoff MOS project is \$61.624 million.



**Counties:**  
Morris Sussex Warren

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Congestion Relief

**RCIS Category:**  
Transit Expansion

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
2020M (Non-Exempt)

**Est. Total Project Cost:**  
**(Million) \$61.624**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Lackawanna Cutoff MOS Project	SECT 5307					\$0.000

FY 2020 - 2023 TIP Cost: (Million) \$50.494

Unconstrained Information Year

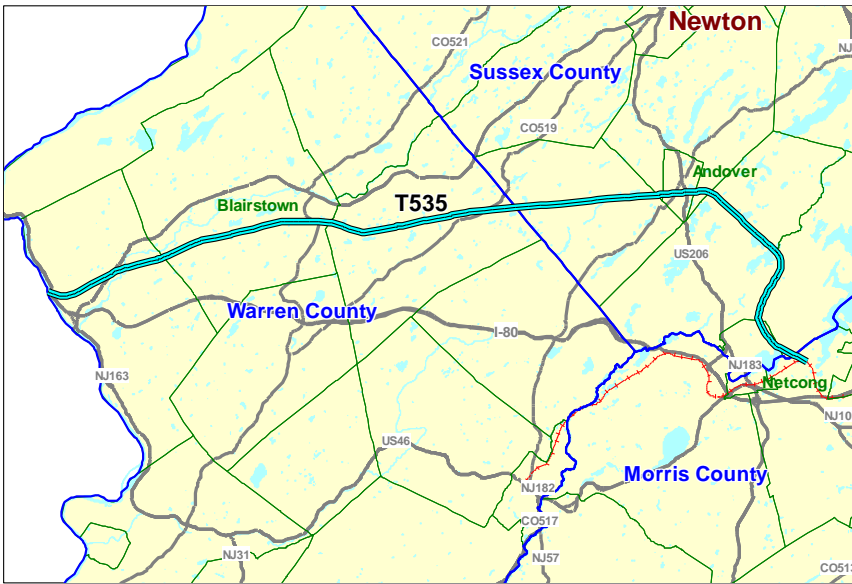
PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307		\$50.494			
			\$50.494			

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Lackawanna Cutoff MOS Project

**DBNUM: T535**

Funding is provided for FY 2008 New Starts earmarks for the Lackawanna Cutoff Rail project, which will provide an 88-mile, single-track commuter rail line with passing sidings between Scranton, Pennsylvania and Port Morris, New Jersey where it will connect with NJ TRANSIT's Boonton/Morristown Line. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. The total project cost of the 7.3 mile Lackawanna Cutoff MOS project is \$61.624 million.



**Counties:**  
 Morris Sussex Warren

**Municipalities:**  
 Various

**NJ Transit CIS Category:**  
 Congestion Relief

**RCIS Category:**  
 Transit Expansion

**Sponsor:**  
 NJ TRANSIT

**Air Quality Code:**  
 2020M (Non-Exempt)

**Est. Total Project Cost:**  
**(Million) \$61.624**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Lackawanna Cutoff MOS Project	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$50.494**

**Unconstrained  
 Information Year**

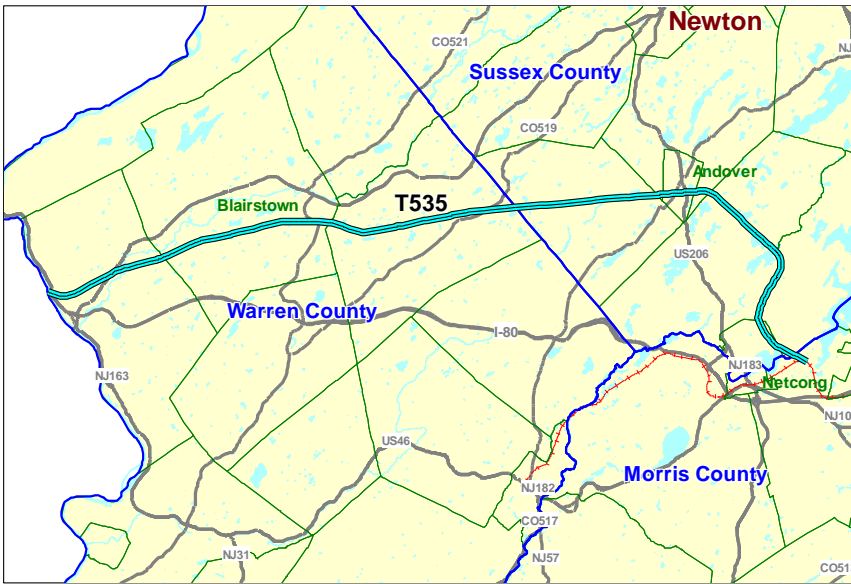
<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	SECT 5307	\$50.494				
		\$50.494				

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Lackawanna Cutoff MOS Project

**DBNUM: T535**

Funding is provided for FY 2008 New Starts earmarks for the Lackawanna Cutoff Rail project, which will provide an 88-mile, single-track commuter rail line with passing sidings between Scranton, Pennsylvania and Port Morris, New Jersey where it will connect with NJ TRANSIT's Boonton/Morristown Line. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. The total project cost of the 7.3 mile Lackawanna Cutoff MOS project is \$61.624 million.



**Counties:**  
 Morris Sussex Warren

**Municipalities:**  
 Various

**NJ Transit CIS Category:**  
 Congestion Relief

**RCIS Category:**  
 Transit Expansion

**Sponsor:**  
 NJ TRANSIT

**Air Quality Code:**  
 2020M (Non-Exempt)

**Est. Total Project Cost:**  
**(Million) \$61.624**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Lackawanna Cutoff MOS Project	SECT 5307					\$41.650

**FY 2020 - 2023 TIP Cost: (Million) \$8.844**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	SECT 5307	\$8.844				
		\$8.844				

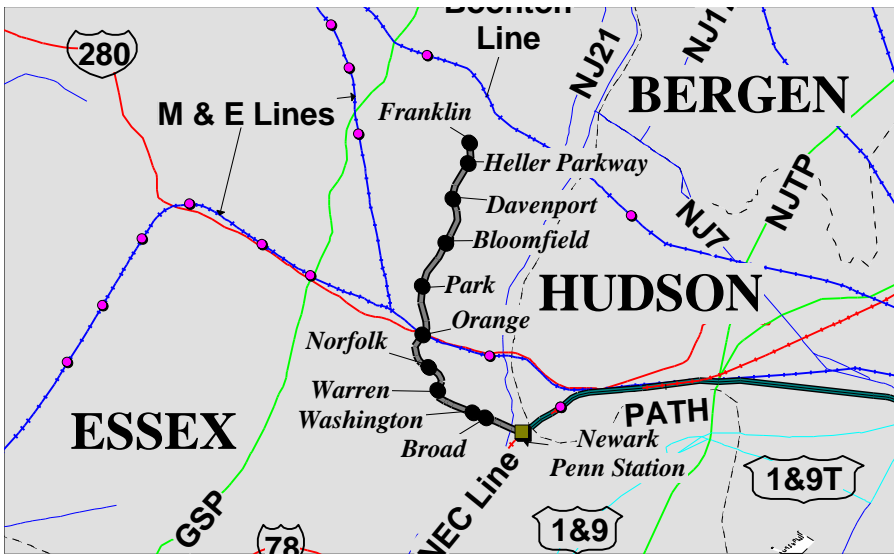
# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Light Rail Infrastructure Improvements

DBNUM: T95

Funding is provided for Light Rail improvements including, but not limited to, communication systems upgrade, accessibility improvements, vehicle and facility improvements, and other infrastructure rehabilitation improvements, including rolling stock enhancements. Funding is also provided for Newark Light Rail (NLR), Hudson Bergen Light Rail (HBLR) Infrastructure and River Line capital asset replacement including but not limited to acquisition of properties and any items or services needed to support the acquisition. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.



**Counties:**  
Various

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT6 (Exempt)

**Est. Total Project Cost:**  
**(Million)** \$101.275

FY 2020 - 2023 TIP Cost: (Million) \$33.700

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$15.675	\$2.275	\$4.375	\$11.375	\$67.575
		\$15.675	\$2.275	\$4.375	\$11.375	\$67.575

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Light Rail Vehicle Rolling Stock

**DBNUM:** T550

Funding is provided for annual lease payments for Hudson Bergen Light Rail, Newark City Subway and Newark City Subway Extension vehicles. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT10 (Exempt)

**Est. Total Project Cost:**

**(Million) \$60.000**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Light Rail Vehicle Rolling Stock	SECT 5307	\$0.000	\$0.000			

**FY 2020 - 2023 TIP Cost: (Million) \$7.171**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307		\$7.171			
			\$7.171			

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Light Rail Vehicle Rolling Stock

**DBNUM:** T550

Funding is provided for annual lease payments for Hudson Bergen Light Rail, Newark City Subway and Newark City Subway Extension vehicles. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT10 (Exempt)

**Est. Total Project Cost:**

**(Million) \$60.000**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Light Rail Vehicle Rolling Stock	SECT 5307	\$0.000	\$0.000			

**FY 2020 - 2023 TIP Cost: (Million) \$7.171**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307	\$7.171				
		\$7.171				

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Light Rail Vehicle Rolling Stock

**DBNUM:** T550

Funding is provided for annual lease payments for Hudson Bergen Light Rail, Newark City Subway and Newark City Subway Extension vehicles. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT10 (Exempt)

**Est. Total Project Cost:**

**(Million) \$60.000**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Light Rail Vehicle Rolling Stock	SECT 5307	\$0.993	\$6.177			

**FY 2020 - 2023 TIP Cost: (Million) \$0.001**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307	\$0.001				
		\$0.001				



Transportation Improvement Program Fiscal Years 2020 - 2023

Locomotive Overhaul

DBNUM: T53E

Funding is provided for the cyclic overhaul of locomotives based on manufacturer replacement standards to support the equipment through its useful life.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:  
(Million) \$78.608**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Locomotive Overhaul	SECT 5307					\$0.000
	SECT 5337					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$41.914**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	SECT 5307		\$5.000			
CAP	SECT 5337		\$15.749			
CAP	STATE	\$7.063	\$4.701	\$4.701	\$4.701	\$28.204
		\$7.063	\$25.450	\$4.701	\$4.701	\$28.204

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Locomotive Overhaul

**DBNUM: T53E**

Funding is provided for the cyclic overhaul of locomotives based on manufacturer replacement standards to support the equipment through its useful life.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:  
(Million) \$78.608**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Locomotive Overhaul	SECT 5307					\$0.000
	SECT 5337					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$41.914**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	SECT 5307	\$5.000				
CAP	SECT 5337	\$15.749				
CAP	STATE	\$7.063	\$4.701	\$4.701	\$4.701	\$28.204
		\$27.812	\$4.701	\$4.701	\$4.701	\$28.204

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Locomotive Overhaul

DBNUM: T53E

Funding is provided for the cyclic overhaul of locomotives based on manufacturer replacement standards to support the equipment through its useful life.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$78.608**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Locomotive Overhaul	SECT 5307					\$5.000
	SECT 5337					\$15.749

**FY 2020 - 2023 TIP Cost: (Million) \$21.165**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	STATE	\$7.063	\$4.701	\$4.701	\$4.701	\$28.204
		\$7.063	\$4.701	\$4.701	\$4.701	\$28.204

Transportation Improvement Program Fiscal Years 2020 - 2023

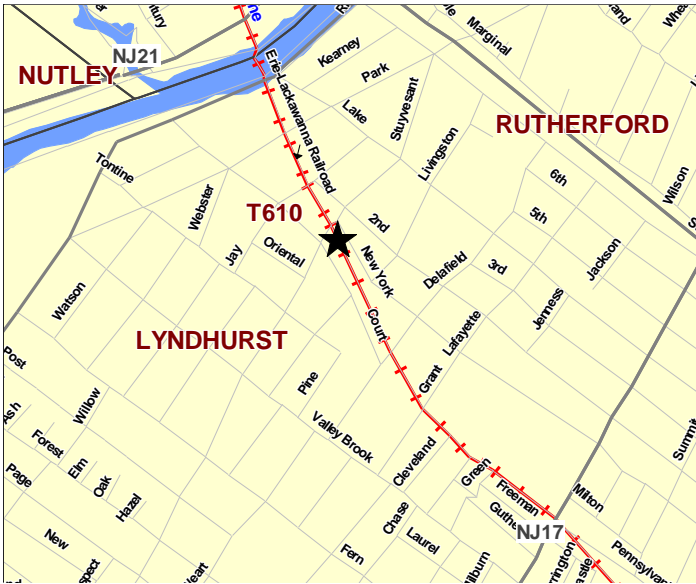
Lyndhurst Intermodal ADA Improvements

DBNUM: T610

Funding is provided for the Lyndhurst Intermodal Station construction to make the station ADA accessible. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



- Counties:**  
Bergen
- Municipalities:**  
Lyndhurst Twp
- NJ Transit CIS Category:**  
Mass Transit Assets
- RCIS Category:**  
Transit Enhancement
- Sponsor:**  
NJ TRANSIT
- Air Quality Code:**  
MT8 (Exempt)
- Est. Total Project Cost:**  
(Million) \$21.955

Unobligated Prior Year Funding:	Fund	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Lyndhurst Improvements	SECT 5307					\$0.000
	SECT 5307-TAP					\$0.000

FY 2020 - 2023 TIP Cost: (Million) \$30.288

Unconstrained Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307	\$5.075	\$ .808			
ERC	SECT 5307/TAP		\$24.405			
		\$5.075	\$25.213			

**Transportation Improvement Program Fiscal Years 2020 - 2023**

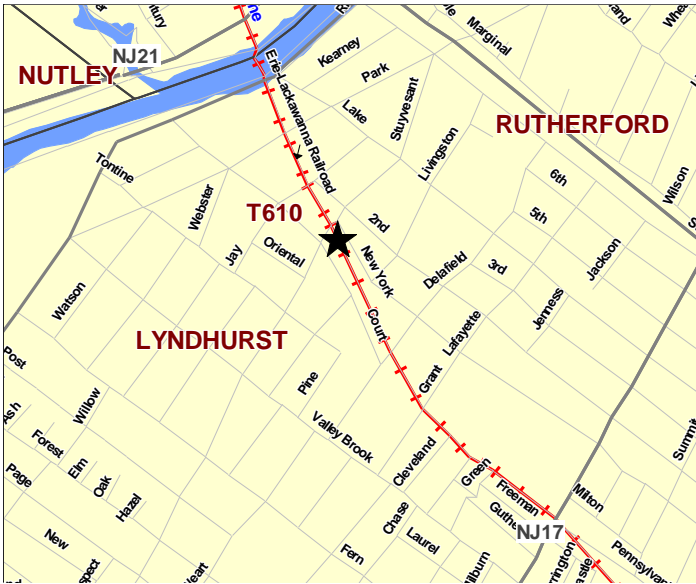
Lyndhurst Intermodal ADA Improvements

**DBNUM: T610**

Funding is provided for the Lyndhurst Intermodal Station construction to make the station ADA accessible. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**  
 Bergen

**Municipalities:**  
 Lyndhurst Twp

**NJ Transit CIS Category:**  
 Mass Transit Assets

**RCIS Category:**  
 Transit Enhancement

**Sponsor:**  
 NJ TRANSIT

**Air Quality Code:**  
 MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$21.955**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Lyndhurst Improvements	SECT 5307					\$0.000
	SECT 5307-TAP					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$30.289**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	SECT 5307	\$5.884				
ERC	SECT 5307/TAP	\$24.405				
		\$30.289				

**Transportation Improvement Program Fiscal Years 2020 - 2023**

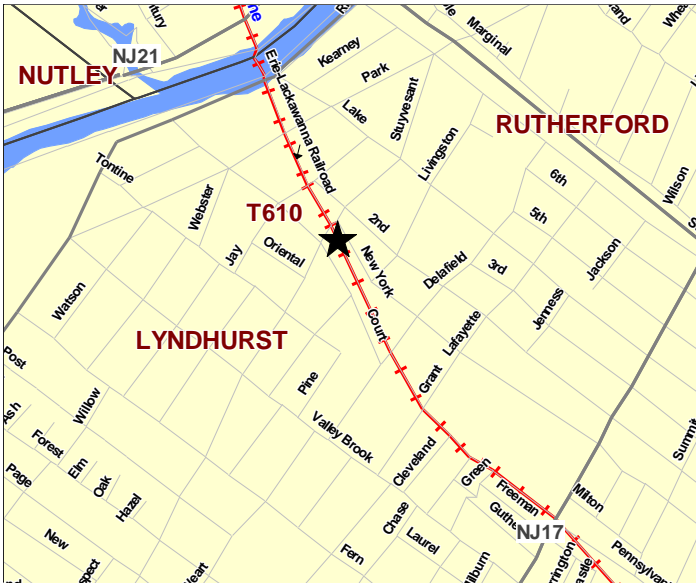
Lyndhurst Intermodal ADA Improvements

**DBNUM: T610**

Funding is provided for the Lyndhurst Intermodal Station construction to make the station ADA accessible. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**  
 Bergen

**Municipalities:**  
 Lyndhurst Twp

**NJ Transit CIS Category:**  
 Mass Transit Assets

**RCIS Category:**  
 Transit Enhancement

**Sponsor:**  
 NJ TRANSIT

**Air Quality Code:**  
 MT8 (Exempt)

**Est. Total Project Cost:**  
 (Million) \$21.955

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Lyndhurst Improvements	SECT 5307					\$5.883
	SECT 5307-TAP					\$24.405

**FY 2020 - 2023 TIP Cost: (Million) \$0.001**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	SECT 5307	\$ .001				
		\$ .001				

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Miscellaneous

DBNUM: T122

Funding is provided for the continuation of the mandated vital records program and other miscellaneous administrative expenses such as, but not limited to, match funds for special services grants and physical plant improvements incurred throughout the year. Funds support forensic accounting services in furtherance of the property insurance claim resulting from the damage caused by extreme weather events such as Superstorm Sandy. Funds also support project oversight/management for all day-to-day aspects of NJ TRANSIT projects.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT4 (Exempt)

**Est. Total Project Cost:**

**(Million) \$8.120**

FY 2020 - 2023 TIP Cost: (Million) \$6.020

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$3.150	\$2.170	\$.350	\$.350	\$2.100
		\$3.150	\$2.170	\$.350	\$.350	\$2.100

**Transportation Improvement Program Fiscal Years 2020 - 2023**

NEC Elizabeth Intermodal Station Improvements

DBNUM: T600

Funding is provided for the reconstruction of the passenger platforms and station building at Elizabeth Intermodal Station, including, but not limited to new elevators and stairs, ticket and operational office space, and retail space. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



- Counties:**  
Union
- Municipalities:**  
Elizabeth City
- NJ Transit CIS Category:**  
Mass Transit Assets
- RCIS Category:**  
Transit Preservation
- Sponsor:**  
NJ TRANSIT
- Air Quality Code:**  
MT8 (Exempt)
- Est. Total Project Cost:**  
(Million) \$71.000

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
NEC Elizabeth Rail Station Improvements	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$65.045**

PHASE	SOURCE	2020	2021	2022	2023	Unconstrained Information Year 2024-2029
ERC	SECT 5307	\$20.000	\$30.824		\$14.139	
ERC	SECT 5339		\$.082			
		\$20.000	\$30.906		\$14.139	



**Transportation Improvement Program Fiscal Years 2020 - 2023**

**NEC Elizabeth Intermodal Station Improvements**

**DBNUM: T600**

Funding is provided for the reconstruction of the passenger platforms and station building at Elizabeth Intermodal Station, including, but not limited to new elevators and stairs, ticket and operational office space, and retail space. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**  
 Union

**Municipalities:**  
 Elizabeth City

**NJ Transit CIS Category:**  
 Mass Transit Assets

**RCIS Category:**  
 Transit Preservation

**Sponsor:**  
 NJ TRANSIT

**Air Quality Code:**  
 MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$71.000**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
NEC Elizabeth Rail Station Improvements	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$65.045**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Unconstrained Information Year</b>
ERC	SECT 5307	\$50.824			\$14.139	
ERC	SECT 5339	\$.082				
		\$50.906			\$14.139	

**Transportation Improvement Program Fiscal Years 2020 - 2023**

NEC Elizabeth Intermodal Station Improvements

**DBNUM: T600**

Funding is provided for the reconstruction of the passenger platforms and station building at Elizabeth Intermodal Station, including, but not limited to new elevators and stairs, ticket and operational office space, and retail space. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**  
Union

**Municipalities:**  
Elizabeth City

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$71.000**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
NEC Elizabeth Rail Station Improvements	SECT 5307					\$50.824

**FY 2020 - 2023 TIP Cost: (Million) \$14.221**

**Unconstrained Information Year**

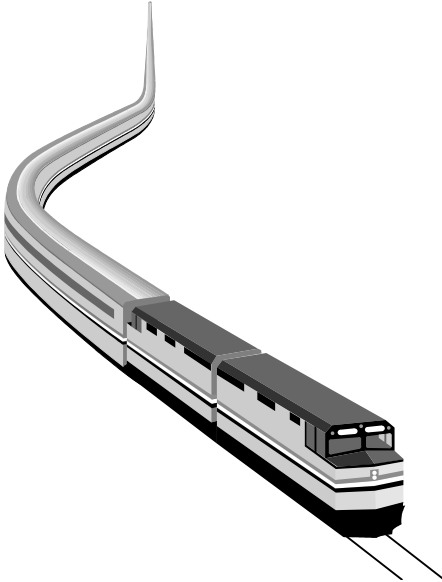
<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	SECT 5307				\$14.139	
ERC	SECT 5339	\$.082				
		\$.082			\$14.139	

**Transportation Improvement Program Fiscal Years 2020 - 2023**

NEC Improvements

**DBNUM:** T44

Funding is provided for improvements to the Northeast Corridor (NEC) to maintain state of good repair, increase capacity, and improve efficiency. Funding is provided for AMTRAK joint benefit projects and for NJ TRANSIT projects such as, Midline Loop in North Brunswick, New Jersey including associated track and station improvements; platform extensions; improvements at New York Penn Station; and yard improvements including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT9 (Exempt)

**Est. Total Project Cost:**

**(Million) \$1,305.448**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
NEC Improvements	SECT 5307					\$0.000
	SECT 5337					\$0.000
	SECT 5339					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$550.735**

**Unconstrained Information Year**

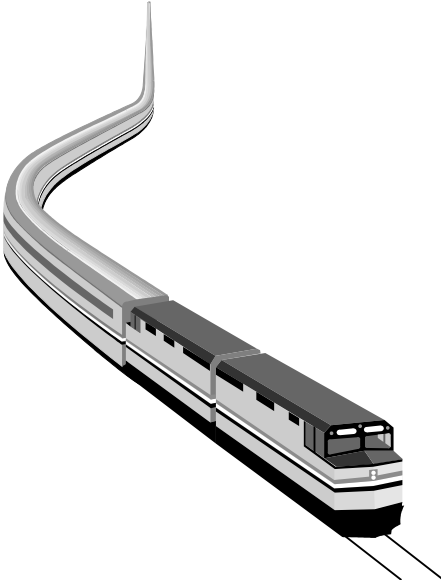
PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307	\$71.310	\$58.985		\$20.004	\$42.474
ERC	SECT 5337		\$0.000	\$16.550	\$2.657	\$127.422
ERC	SECT 5339		\$4.010			
ERC	STATE	\$116.981	\$53.500	\$81.500	\$125.239	\$648.672
		\$188.291	\$116.495	\$98.050	\$147.899	\$818.568

**Transportation Improvement Program Fiscal Years 2020 - 2023**

NEC Improvements

**DBNUM: T44**

Funding is provided for improvements to the Northeast Corridor (NEC) to maintain state of good repair, increase capacity, and improve efficiency. Funding is provided for AMTRAK joint benefit projects and for NJ TRANSIT projects such as, Midline Loop in North Brunswick, New Jersey including associated track and station improvements; platform extensions; improvements at New York Penn Station; and yard improvements including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT9 (Exempt)

**Est. Total Project Cost:**

**(Million) \$1,305.448**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
NEC Improvements	SECT 5307					\$0.000
	SECT 5337					\$0.000
	SECT 5339					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$519.640**

**Unconstrained Information Year**

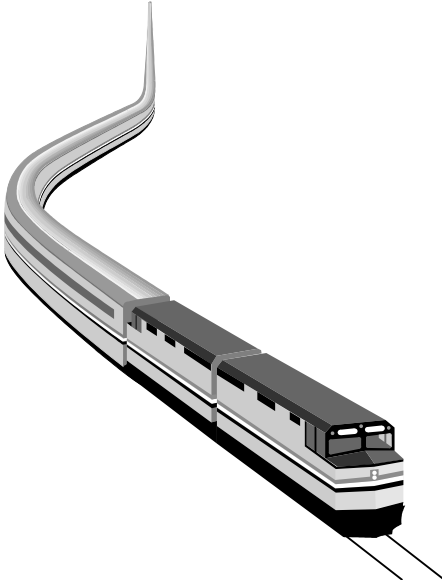
PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307	\$71.310	\$5.040		\$20.004	\$42.474
ERC	SECT 5337		\$22.850	\$16.550	\$2.657	\$127.422
ERC	SECT 5339		\$4.010			
ERC	STATE	\$116.981	\$53.500	\$81.500	\$125.239	\$648.672
		\$188.291	\$85.400	\$98.050	\$147.899	\$818.568

**Transportation Improvement Program Fiscal Years 2020 - 2023**

NEC Improvements

**DBNUM: T44**

Funding is provided for improvements to the Northeast Corridor (NEC) to maintain state of good repair, increase capacity, and improve efficiency. Funding is provided for AMTRAK joint benefit projects and for NJ TRANSIT projects such as, Midline Loop in North Brunswick, New Jersey including associated track and station improvements; platform extensions; improvements at New York Penn Station; and yard improvements including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT9 (Exempt)

**Est. Total Project Cost:**

**(Million) \$1,305.448**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
NEC Improvements	SECT 5307					\$0.000
	SECT 5337					\$0.000
	SECT 5339					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$519.640**

**Unconstrained  
Information Year**

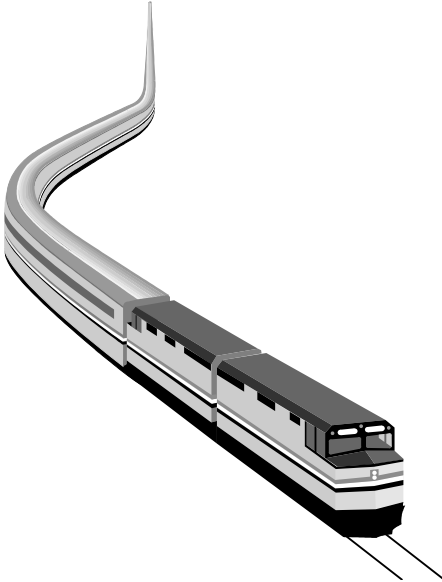
PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307	\$71.310	\$5.040		\$20.004	\$42.474
ERC	SECT 5337		\$22.850	\$16.550	\$2.657	\$127.422
ERC	SECT 5339	\$4.010				
ERC	STATE	\$116.981	\$53.500	\$81.500	\$125.239	\$648.672
		\$192.301	\$81.390	\$98.050	\$147.899	\$818.568

**Transportation Improvement Program Fiscal Years 2020 - 2023**

NEC Improvements

**DBNUM: T44**

Funding is provided for improvements to the Northeast Corridor (NEC) to maintain state of good repair, increase capacity, and improve efficiency. Funding is provided for AMTRAK joint benefit projects and for NJ TRANSIT projects such as, Midline Loop in North Brunswick, New Jersey including associated track and station improvements; platform extensions; improvements at New York Penn Station; and yard improvements including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT9 (Exempt)

**Est. Total Project Cost:**

**(Million) \$1,305.448**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
NEC Improvements	SECT 5307					\$0.000
	SECT 5337					\$0.000
	SECT 5339					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$519.640**

**Unconstrained Information Year**

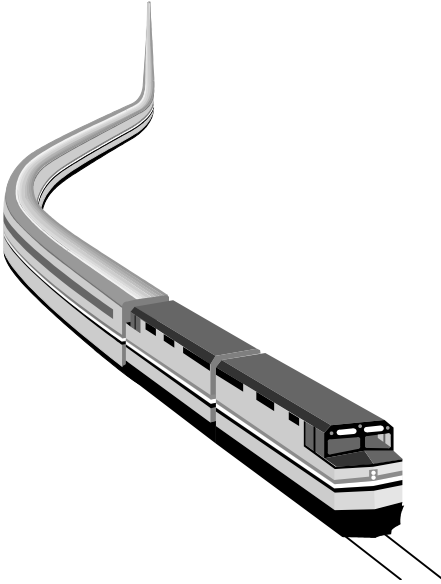
PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307	\$19.710	\$5.040		\$20.004	\$42.474
ERC	SECT 5337	\$51.600	\$22.850	\$16.550	\$2.657	\$127.422
ERC	SECT 5339	\$4.010				
ERC	STATE	\$116.981	\$53.500	\$81.500	\$125.239	\$648.672
		\$192.301	\$81.390	\$98.050	\$147.899	\$818.568

**Transportation Improvement Program Fiscal Years 2020 - 2023**

NEC Improvements

DBNUM: T44

Funding is provided for improvements to the Northeast Corridor (NEC) to maintain state of good repair, increase capacity, and improve efficiency. Funding is provided for AMTRAK joint benefit projects and for NJ TRANSIT projects such as, Midline Loop in North Brunswick, New Jersey including associated track and station improvements; platform extensions; improvements at New York Penn Station; and yard improvements including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT9 (Exempt)

**Est. Total Project Cost:**

**(Million) \$1,305.448**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
NEC Improvements	SECT 5307					\$32.520
	SECT 5337					\$28.750
	SECT 5339					\$4.010

**FY 2020 - 2023 TIP Cost: (Million) \$486.880**

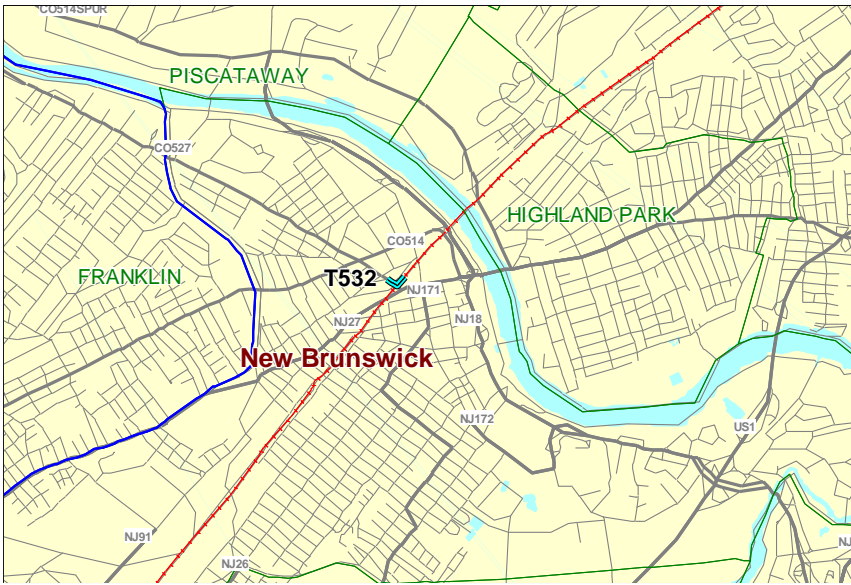
**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307	\$19.710	\$5.040		\$20.004	\$42.474
ERC	SECT 5337	\$22.850	\$22.850	\$16.550	\$2.657	\$127.422
ERC	STATE	\$116.981	\$53.500	\$81.500	\$125.239	\$648.672
		\$159.541	\$81.390	\$98.050	\$147.899	\$818.568

**Transportation Improvement Program Fiscal Years 2020 - 2023**

**New Brunswick Station Platform Ext. and Elevator Imprvmts (Liberty Corridor) DBNUM: T532**

This project will construct a new link between the New Brunswick Station on the Northeast Corridor Line and the adjacent medical research complex, including the Cancer Institute of New Jersey and Robert Wood Johnson University Hospital. This project is funded through a special appropriation, FY06 SAFETEA-LU, NRS-1301, Liberty Corridor, \$10M. This project is funded under the provisions of Section 13 of P.L. 1995, c.108



**Counties:**  
Middlesex

**Municipalities:**  
New Brunswick City

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
New Brunswick Station Platform Ext. and Elevator Imprvmts(Liberty Corridor)	DEMO					
	SECT 5339					

**FY 2020 - 2023 TIP Cost: (Million) \$9.892**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	DEMO		\$2.501			
CAP	SECT 5339		\$7.391			
			\$9.892			



**Transportation Improvement Program Fiscal Years 2020 - 2023**

**New Brunswick Station Platform Ext. and Elevator Imprvmnts (Liberty Corridor) DBNUM: T532**

This project will construct a new link between the New Brunswick Station on the Northeast Corridor Line and the adjacent medical research complex, including the Cancer Institute of New Jersey and Robert Wood Johnson University Hospital. This project is funded through a special appropriation, FY06 SAFETEA-LU, NRS-1301, Liberty Corridor, \$10M. This project is funded under the provisions of Section 13 of P.L. 1995, c.108



**Counties:**  
Middlesex

**Municipalities:**  
New Brunswick City

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
New Brunswick Station Platform Ext. and Elevator Imprvmnts(Liberty Corridor)	DEMO					
	SECT 5339					

**FY 2020 - 2023 TIP Cost: (Million) \$9.892**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
<b>CAP</b>	<b>DEMO</b>	\$2.501				
<b>CAP</b>	<b>SECT 5339</b>	\$7.391				
		\$9.892				

**Transportation Improvement Program Fiscal Years 2020 - 2023**

**New Brunswick Station Platform Ext. and Elevator Imprvmts (Liberty Corridor) DBNUM: T532**

This project will construct a new link between the New Brunswick Station on the Northeast Corridor Line and the adjacent medical research complex, including the Cancer Institute of New Jersey and Robert Wood Johnson University Hospital. This project is funded through a special appropriation, FY06 SAFETEA-LU, NRS-1301, Liberty Corridor, \$10M. This project is funded under the provisions of Section 13 of P.L. 1995, c.108



**Counties:**  
Middlesex

**Municipalities:**  
New Brunswick City

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
New Brunswick Station Platform Ext. and Elevator Imprvmts(Liberty Corridor)	DEMO					\$2.500
	SECT 5339					\$7.391

**FY 2020 - 2023 TIP Cost: (Million) \$0.001**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
<b>CAP</b>	<b>DEMO</b>	\$ .001				
		\$ .001				

**Transportation Improvement Program Fiscal Years 2020 - 2023**

New CMAQ Bus and Rail Services

DBNUM: T126

This program provides funds for new and experimental CMAQ-funded transit services.

For FY 2017, funds will be used for continuation of one-seat ride rail services to/from New York Penn Station that are made possible by use of newer dual mode locomotives. These services include weekday evening rail services operating on the Raritan Valley Line, as well as additional weekday peak period rail services on the North jersey Coast Line that are extended to operate to/from Bay Head.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Expansion

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT1 (Exempt)

**Est. Total Project Cost:**

**(Million) \$0.546**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
New CMAQ Bus and Rail Services	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$0.960**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	CMAQ 5307	\$.960				
		\$.960				

**Transportation Improvement Program Fiscal Years 2020 - 2023**

New CMAQ Bus and Rail Services

**DBNUM:** T126

This program provides funds for new and experimental CMAQ-funded transit services.

For FY 2017, funds will be used for continuation of one-seat ride rail services to/from New York Penn Station that are made possible by use of newer dual mode locomotives. These services include weekday evening rail services operating on the Raritan Valley Line, as well as additional weekday peak period rail services on the North jersey Coast Line that are extended to operate to/from Bay Head.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Expansion

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT1 (Exempt)

**Est. Total Project Cost:**

**(Million) \$0.546**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
New CMAQ Bus and Rail Services	SECT 5307					\$0.960

**FY 2020 - 2023 TIP Cost: (Million) \$0.001**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	CMAQ	\$0.001				
		\$0.001				

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Newark Penn Station Protection

DBNUM: T913

This project is in response to Superstorm Sandy. It will mitigate potential flooding from future extreme weather events at Newark Penn Station. The project includes, but is not limited to, improvements to intercept rainfall runoff, installation of watertight hatches and doors at certain locations, and removable vent grate cover plates for certain grates at or around Newark Penn Station.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT6, O9 (Exempt)

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Newark Penn Station Protection	SECT 5307					\$1.700

**FY 2020 - 2023 TIP Cost: (Million) \$0.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307					\$.001
						\$.001

Transportation Improvement Program Fiscal Years 2020 - 2023

NJ TRANSIT Grid Project

DBNUM: T910

Funding is provided to create a "microgrid" power generation and distribution system. NJ TRANSITGRID will be capable of supplying highly-reliable power during storms or other times when the centralized power grid is compromised. NJ TRANSITGRID will incorporate renewable energy, distributed generation, and other technologies to provide resilient power to key NJ TRANSIT stations, maintenance facilities, bus garages, and other buildings. NJ TRANSITGRID will also provide resilient electric traction power to allow NJ TRANSIT trains on critical corridors, including portions of the Northeast Corridor, to continue to operate even when the traditional grid fails. This project will directly benefit NJ TRANSIT and Amtrak. The source of the local funding is the State Transportation Trust Fund (TTF). The source of local funding is the State Transportation Trust Funds (TTF) in the amount of \$144,616,890. The STIP ID is DB#T50, Signals and Communications/Electric Traction System program (S&C Program). The TTF component includes \$45,000,000 of unspent funding appropriated in SFY14 and prior years for NJ TRANSIT from S&C Program. In addition, NJ TRANSIT is allocating \$99,616,890 from the SFY 15-24 Constrained Capital Program including \$33,881,000 in SFY15, \$15,640,000 in SFY16, \$9,381,890 in SFY17 \$17,464,000 in SFY18 and \$23,250,000 in SFY from the S&C program.

The source of the local funding is the State Transportation Trust Fund (TTF).



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT6, O9 (Exempt)

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
NJ TRANSIT Grid Project	SECT 5324					\$0.000

FY 2020 - 2023 TIP Cost: (Million) \$363.937

Unconstrained Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5324	\$363.937				
		\$363.937				

**Transportation Improvement Program Fiscal Years 2020 - 2023**

NJ TRANSIT Grid Project

**DBNUM: T910**

Funding is provided to create a "microgrid" power generation and distribution system. NJ TRANSITGRID will be capable of supplying highly-reliable power during storms or other times when the centralized power grid is compromised. NJ TRANSITGRID will incorporate renewable energy, distributed generation, and other technologies to provide resilient power to key NJ TRANSIT stations, maintenance facilities, bus garages, and other buildings. NJ TRANSITGRID will also provide resilient electric traction power to allow NJ TRANSIT trains on critical corridors, including portions of the Northeast Corridor, to continue to operate even when the traditional grid fails. This project will directly benefit NJ TRANSIT and Amtrak. The source of the local funding is the State Transportation Trust Fund (TTF). The source of local funding is the State Transportation Trust Funds (TTF) in the amount of \$144,616,890. The STIP ID is DB#T50, Signals and Communications/Electric Traction System program (S&C Program). The TTF component includes \$45,000,000 of unspent funding appropriated in SFY14 and prior years for NJ TRANSIT from S&C Program. In addition, NJ TRANSIT is allocating \$99,616,890 from the SFY 15-24 Constrained Capital Program including \$33,881,000 in SFY15, \$15,640,000 in SFY16, \$9,381,890 in SFY17 \$17,464,000 in SFY18 and \$23,250,000 in SFY from the S&C program.

The source of the local funding is the State Transportation Trust Fund (TTF).



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT6, O9 (Exempt)

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
NJ TRANSIT Grid Project	SECT 5324					\$409.765

**FY 2020 - 2023 TIP Cost: (Million) \$0.001**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	SECT 5324	\$ .001				
		\$ .001				

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Other Rail Station/Terminal Improvements

**DBNUM:** T55

Funding is provided for the design, land acquisition and construction of various stations, platform extensions, parking and related facilities, and upgrades throughout the system including related track and rail infrastructure work. Also included are station and facility inspection and repair, customer service station bike locker installation - system wide, and STARS Program including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT7, MT8 (Exempt)

**Est. Total Project Cost:  
(Million) \$87.959**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Other Rail Station/Terminal Improvements	SECT 5307					\$0.000
	SECT 5339					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$57.509**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307	\$2.000	\$3.154			
ERC	SECT 5337	\$9.846				
ERC	SECT 5339		\$3.657			
ERC	STATE	\$8.184	\$14.298	\$8.184	\$8.184	\$49.107
		\$20.030	\$21.109	\$8.184	\$8.184	\$49.107



**Transportation Improvement Program Fiscal Years 2020 - 2023**

Other Rail Station/Terminal Improvements

**DBNUM: T55**

Funding is provided for the design, land acquisition and construction of various stations, platform extensions, parking and related facilities, and upgrades throughout the system including related track and rail infrastructure work. Also included are station and facility inspection and repair, customer service station bike locker installation - system wide, and STARS Program including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT7, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$87.959**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Other Rail Station/Terminal Improvements	SECT 5307					\$0.000
	SECT 5339					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$57.509**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	SECT 5307	\$5.154				
ERC	SECT 5337	\$9.846				
ERC	SECT 5339	\$3.657				
ERC	STATE	\$8.184	\$14.298	\$8.184	\$8.184	\$49.107
		\$26.841	\$14.298	\$8.184	\$8.184	\$49.107

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Other Rail Station/Terminal Improvements

**DBNUM: T55**

Funding is provided for the design, land acquisition and construction of various stations, platform extensions, parking and related facilities, and upgrades throughout the system including related track and rail infrastructure work. Also included are station and facility inspection and repair, customer service station bike locker installation - system wide, and STARS Program including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT7, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$87.959**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Other Rail Station/Terminal Improvements	SECT 5307					\$0.000
	SECT 5339					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$57.509**

**Unconstrained  
Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	SECT 5307	\$15.000				
ERC	SECT 5339	\$3.657				
ERC	STATE	\$8.184	\$14.298	\$8.184	\$8.184	\$49.107
		\$26.841	\$14.298	\$8.184	\$8.184	\$49.107

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Other Rail Station/Terminal Improvements

**DBNUM: T55**

Funding is provided for the design, land acquisition and construction of various stations, platform extensions, parking and related facilities, and upgrades throughout the system including related track and rail infrastructure work. Also included are station and facility inspection and repair, customer service station bike locker installation - system wide, and STARS Program including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT7, MT8 (Exempt)

**Est. Total Project Cost:  
(Million) \$87.959**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Other Rail Station/Terminal Improvements	SECT 5307					\$15.000
	SECT 5339					\$3.657

**FY 2020 - 2023 TIP Cost: (Million) \$38.852**

**Unconstrained  
Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	STATE	\$8.184	\$14.298	\$8.184	\$8.184	\$49.107
		\$8.184	\$14.298	\$8.184	\$8.184	\$49.107

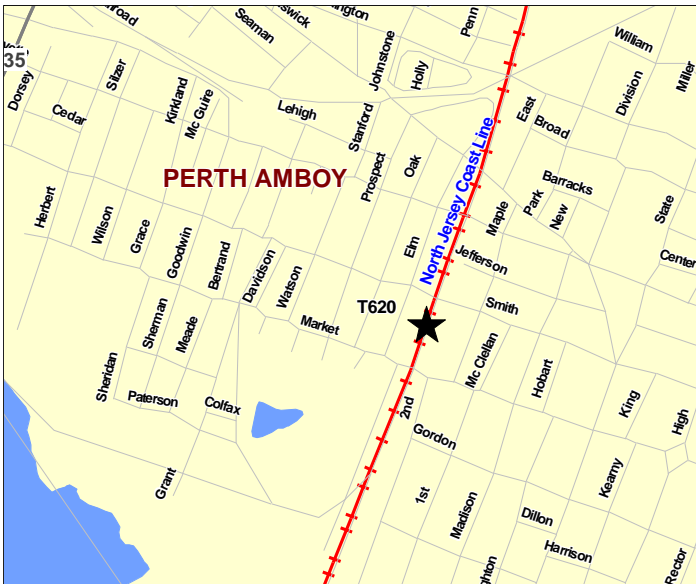
Transportation Improvement Program Fiscal Years 2020 - 2023

Perth Amboy Intermodal ADA Improvements

DBNUM: T620

Funding is provided for the construction of high level platforms in order to enhance access to commuter trains in conformance with ADA regulations.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



- Counties:**  
Middlesex
- Municipalities:**  
Perth Amboy City
- NJ Transit CIS Category:**  
Mass Transit Assets
- RCIS Category:**  
Transit Enhancement
- Sponsor:**  
NJ TRANSIT
- Air Quality Code:**  
MT8 (Exempt)
- Est. Total Project Cost:**  
**(Million) \$46.840**

Unobligated Prior Year Funding:	Fund	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Perth Amboy Station Improvements	SECT 5307					\$0.000
	STP-TE					\$0.000

FY 2020 - 2023 TIP Cost: (Million) \$57.858

Unconstrained Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307		\$54.358			
ERC	STP-TE	\$2.500	\$1.000			
		\$2.500	\$55.358			

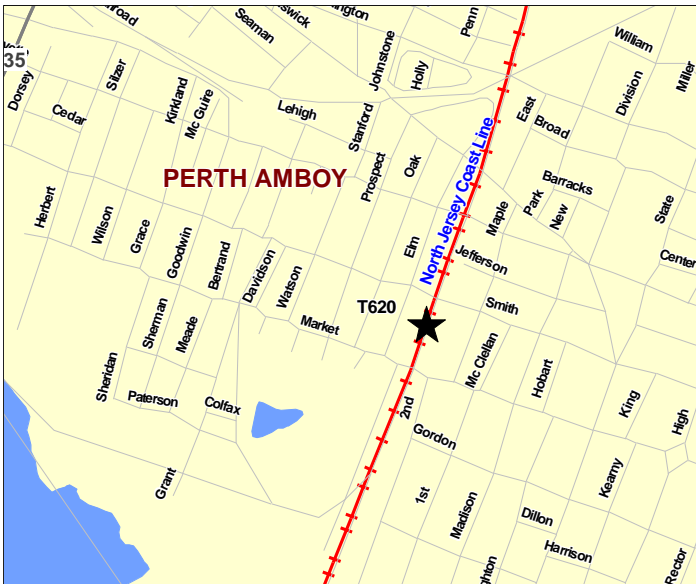
**Transportation Improvement Program Fiscal Years 2020 - 2023**

Perth Amboy Intermodal ADA Improvements

**DBNUM: T620**

Funding is provided for the construction of high level platforms in order to enhance access to commuter trains in conformance with ADA regulations.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**  
Middlesex

**Municipalities:**  
Perth Amboy City

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Enhancement

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$46.840**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Perth Amboy Station Improvements	SECT 5307					\$0.000
	STP-TE					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$57.858**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307	\$54.358				
ERC	STP-TE	\$3.500				
		\$57.858				

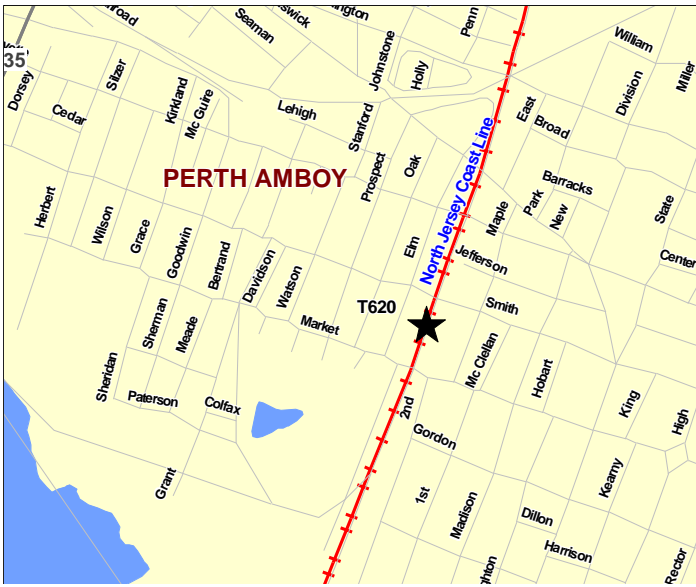
**Transportation Improvement Program Fiscal Years 2020 - 2023**

Perth Amboy Intermodal ADA Improvements

**DBNUM: T620**

Funding is provided for the construction of high level platforms in order to enhance access to commuter trains in conformance with ADA regulations.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**  
Middlesex

**Municipalities:**  
Perth Amboy City

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Enhancement

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$46.840**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Perth Amboy Station Improvements	SECT 5307					\$0.000
	STP-TE					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$57.858**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	SECT 5307	\$54.858				
ERC	STP-TE	\$3.000				
		\$57.858				

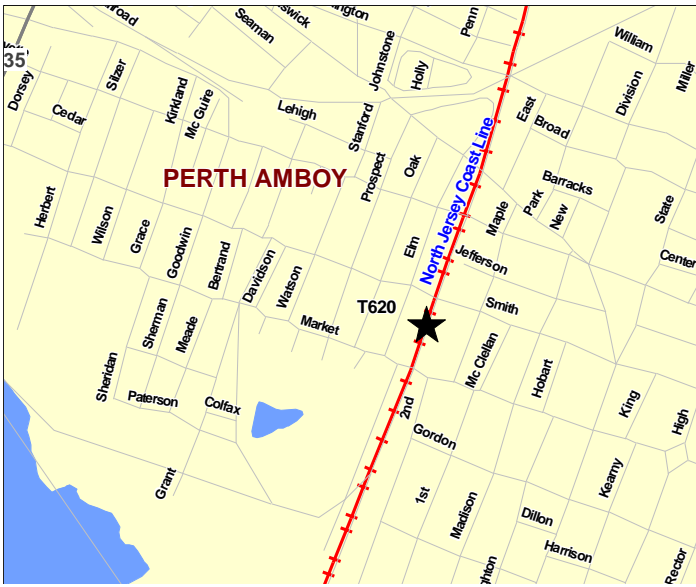
**Transportation Improvement Program Fiscal Years 2020 - 2023**

Perth Amboy Intermodal ADA Improvements

**DBNUM: T620**

Funding is provided for the construction of high level platforms in order to enhance access to commuter trains in conformance with ADA regulations.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**  
Middlesex

**Municipalities:**  
Perth Amboy City

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Enhancement

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$46.840**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Perth Amboy Station Improvements	SECT 5307					\$54.857
	STP-TE					\$3.000

**FY 2020 - 2023 TIP Cost: (Million) \$0.001**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	SECT 5307	\$.001				
		\$.001				

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Physical Plant

DBNUM: T121

Funding is provided for demolition of out-of-service facilities, energy conservation program, work environment improvements, replacement of antiquated administrative support equipment, purchase of material warehouse equipment, replacement of non-revenue vehicles, and other minor improvements to various bus/rail/light rail/operating facilities etc including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Transportation Support Facilities

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT4 (Exempt)

**Est. Total Project Cost:**

**(Million) \$11.690**

FY 2020 - 2023 TIP Cost: (Million) \$4.676

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$1.169	\$1.169	\$1.169	\$1.169	\$7.014
		\$1.169	\$1.169	\$1.169	\$1.169	\$7.014



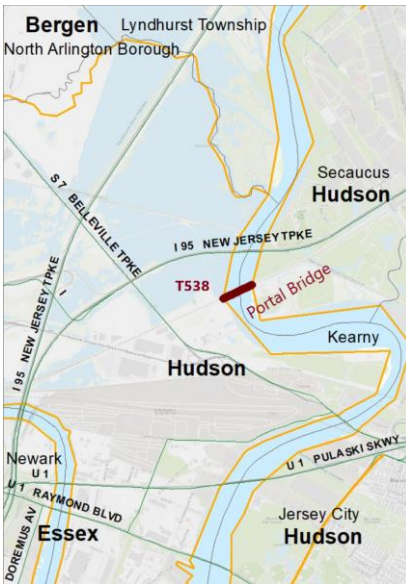
**Transportation Improvement Program Fiscal Years 2020 - 2023**

Portal Bridge North

**DBNUM: T538**

Funding is for the design, engineering, construction and other necessary initiatives or items to complete the proposed replacement of the existing Portal North Bridge with a new high-level, two track, fixed structure bridge on a new rail alignment. The new bridge will be approximately 1,200 feet long and will have a clearance that accommodates current and forecasted maritime traffic, thereby eliminating the need for a movable span that interrupts rail operations and results in delays due to mechanical failures. This will improve reliability, allowing NJ TRANSIT to operate longer and higher capacity trains. Additionally, trains will be able to cross the bridge at 90 miles per hour, up from 60 miles per hour today.

\$345M in Amtrak funds will be applied to the Portal North Bridge (PNB) project once the funds are administered to NJ TRANSIT. \$57M in CMAQ funds are committed to purchase up to 25 commuter rail vehicles to support the PNB project. Refer to DB T112- Rail Rolling Stock Procurement where funds for supporting all rail rolling stock purchases are listed and explained. In addition, NJ TRANSIT is committing up to \$14M in local match for the CMAQ funds (through NJTTF) to support the PNB project. NJ Transit has requested \$811m under FTA's Section 5309 Capital Investment Grants Program, which would be applied to the STIP. \$600M in New Jersey Economic Development Authority (NJEDA) proceeds are committed to the PNB Project.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

S19 (Exempt)

**Est. Total Project Cost:**

**(Million) \$452.446**

**FY 2020 - 2023 TIP Cost: (Million) \$180.986**

**Unconstrained  
Information Year**

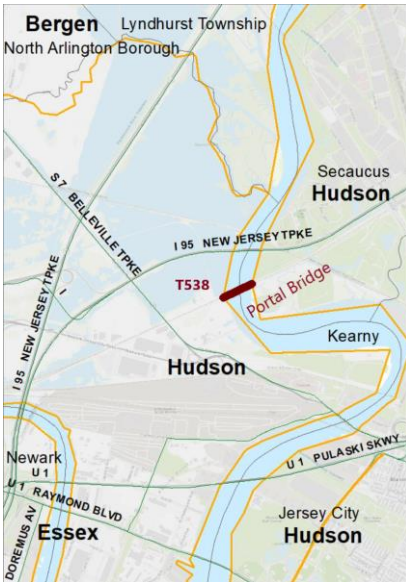
PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	OTHER	\$25.000	\$25.000	\$25.000	\$25.000	\$150.000
ERC	STATE	\$26.493	\$14.000	\$20.246	\$20.247	\$121.460
		\$51.493	\$39.000	\$45.246	\$45.247	\$271.460

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Portal Bridge North

**DBNUM:** T538

Funding is for the design, engineering, construction and other necessary initiatives or items to complete the proposed replacement of the existing Portal Issued Bridge with a new high-level, two track, fixed structure bridge on a new rail alignment. The new bridge will be approximately 1,200 feet long and will have a clearance that accommodates current and forecasted maritime traffic, thereby eliminating the need for a movable span that interrupts rail operations and results in delays due to mechanical failures. This will improve reliability, allowing NJ TRANSIT to operate longer and higher capacity trains. Additionally, trains will be able to cross the bridge at 90 miles per hour, up from 60 miles per hour today. This element provides funding to advance the Portal Bridge North including, but not limited to, annual EDA or other debt service payments that may be required.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

S19 (Exempt)

**Est. Total Project Cost:**

**(Million)** \$452.446

**FY 2020 - 2023 TIP Cost: (Million) \$180.986**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	OTHER	\$25.000	\$25.000	\$25.000	\$25.000	\$150.000
ERC	STATE	\$26.493	\$14.000	\$20.246	\$20.247	\$121.460
		\$51.493	\$39.000	\$45.246	\$45.247	\$271.460

**Transportation Improvement Program Fiscal Years 2020 - 2023**

**Portal North Bridge**

**DBNUM: T538**

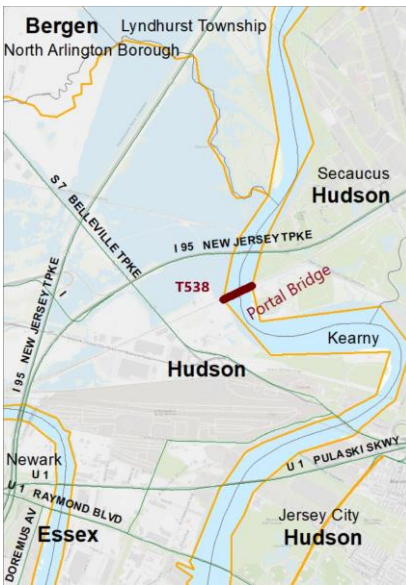
Funding is for the design, engineering, construction and other necessary initiatives or items to complete the proposed replacement of the existing Portal North Bridge (PNB) with a new high-level, two track, fixed structure bridge on a new rail alignment. The project will be approximately 2.44 miles of two track rail infrastructure including a 1,200 feet long new bridge spanning the Hackensack River and will have a clearance that accommodates current and forecasted maritime traffic, thereby eliminating the need for a movable span that interrupts rail operations and results in delays due to mechanical failures. This will improve reliability, allowing NJ TRANSIT to operate longer and higher capacity trains. Additionally, trains will be able to cross the bridge at 90 miles per hour, up from 60 miles per hour today.

The estimated total project cost is \$1,732.1 Million (\$1,660.8 Million proposed Bridge Improvements Capital Investment Grants Program (CIG), \$71.3 Million proposed Rail Rolling Stock Purchase Congestion Mitigation Air Quality (CMAQ)).

Section 5309 Capital Investment Grant (CIG) = \$766.5 Million  
 NJ TRANSIT anticipates receiving \$766.5 Million under FTA's Section 5309 (CIG), which is applied to the STIP for PNB Project.

CIG Grant Local Match = \$797.3 Million  
 A total of \$797.3 Million of NJ TRANSIT local match will be committed to the Portal North Bridge CIG project which includes, \$600.0 Million in New Jersey Economic Development Authority (NJEDA), \$197.3 Million Transportation Trust Funds (TTF) for Portal North Bridge project.

Other Funding = \$168.4 Million  
 A total of \$97.0 Million of Amtrak (Non-Federal Funding) will be committed to the Portal North Bridge project by Amtrak. In addition, the project is funded with \$57.1 Million CMAQ (federal funds) for the purchase of up to 25 commuter rail vehicles with \$14.3 Million in TTF match. (Refer to DB T112- Rail Rolling Stock Procurement where funds for supporting all rail rolling stock purchases are listed and explained.)



**Counties:**  
 Hudson

**Municipalities:**  
 Kearny Secaucus

**NJ Transit CIS Category:**  
 Mass Transit Assets

**RCIS Category:**  
 Transit Preservation

**Sponsor:**  
 NJ TRANSIT

**Air Quality Code:**  
 S19 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$452.446**

**FY 2020 - 2023 TIP Cost: (Million) \$669.986**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	OTHER	\$25.000				
ERC	SECT 5309		\$248.000	\$125.000	\$100.000	\$293.500
ERC	STATE	\$26.493	\$39.000	\$61.246	\$45.247	\$271.460
		\$51.493	\$287.000	\$186.246	\$145.247	\$564.960

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Preventive Maintenance-Bus

**DBNUM:** T135

This program provides funding for the overhaul of buses including preventive maintenance costs in accordance with federal guidelines as defined in the National Transit Database Reporting Manual and federal law.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. In addition, expenditures are for costs of projects in specific years only.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**  
**(Million)** \$919.627

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Preventive Maintenance-Bus	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$354.659**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	SECT 5307	\$80.945	\$115.948	\$78.883	\$78.883	\$604.095
		\$80.945	\$115.948	\$78.883	\$78.883	\$604.095

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Preventive Maintenance-Bus

**DBNUM:** T135

This program provides funding for the overhaul of buses including preventive maintenance costs in accordance with federal guidelines as defined in the National Transit Database Reporting Manual and federal law.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. In addition, expenditures are for costs of projects in specific years only.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**

**(Million) \$919.627**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Preventive Maintenance-Bus	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$354.659**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	SECT 5307	\$118.010	\$78.883	\$78.883	\$78.883	\$604.095
		\$118.010	\$78.883	\$78.883	\$78.883	\$604.095

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Preventive Maintenance-Bus

**DBNUM:** T135

This program provides funding for the overhaul of buses including preventive maintenance costs in accordance with federal guidelines as defined in the National Transit Database Reporting Manual and federal law.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. In addition, expenditures are for costs of projects in specific years only.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$919.627**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Preventive Maintenance-Bus	SECT 5307					\$130.746

**FY 2020 - 2023 TIP Cost: (Million) \$315.532**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	SECT 5307	\$78.883	\$78.883	\$78.883	\$78.883	\$604.095
		\$78.883	\$78.883	\$78.883	\$78.883	\$604.095

Transportation Improvement Program Fiscal Years 2020 - 2023

Preventive Maintenance-Rail

DBNUM: T39

This program provides funding for the overhaul of rail cars and locomotives and other preventive maintenance costs in accordance with federal funding guidelines as defined in the National Transit Database Reporting Manual and federal law.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**

**(Million) \$2,172.626**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Preventive Maintenance-Rail	SECT 5307					\$0.000
	SECT 5337					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$1011.927**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	SECT 5307	\$46.437	\$75.322	\$85.073	\$85.073	\$336.809
CAP	SECT 5337	\$190.603	\$226.474	\$151.472	\$151.472	\$908.833
		\$237.040	\$301.796	\$236.545	\$236.545	\$1245.643

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Preventive Maintenance-Rail

**DBNUM: T39**

This program provides funding for the overhaul of rail cars and locomotives and other preventive maintenance costs in accordance with federal funding guidelines as defined in the National Transit Database Reporting Manual and federal law.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**

**(Million) \$2,172.626**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Preventive Maintenance-Rail	SECT 5307					\$0.000
	SECT 5337					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$1011.927**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	SECT 5307	\$46.437	\$150.324	\$85.073	\$85.073	\$336.809
CAP	SECT 5337	\$190.603	\$151.472	\$151.472	\$151.472	\$908.833
		\$237.040	\$301.796	\$236.545	\$236.545	\$1245.643



**Transportation Improvement Program Fiscal Years 2020 - 2023**

Preventive Maintenance-Rail

**DBNUM: T39**

This program provides funding for the overhaul of rail cars and locomotives and other preventive maintenance costs in accordance with federal funding guidelines as defined in the National Transit Database Reporting Manual and federal law.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**

**(Million) \$2,172.626**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Preventive Maintenance-Rail	SECT 5307					\$0.000
	SECT 5337					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$1014.042**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	SECT 5307	\$46.437	\$152.439	\$85.073	\$85.073	\$336.809
CAP	SECT 5337	\$190.603	\$151.472	\$151.472	\$151.472	\$908.833
		\$237.040	\$303.911	\$236.545	\$236.545	\$1245.643

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Preventive Maintenance-Rail

**DBNUM: T39**

This program provides funding for the overhaul of rail cars and locomotives and other preventive maintenance costs in accordance with federal funding guidelines as defined in the National Transit Database Reporting Manual and federal law.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**

**(Million) \$2,172.626**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Preventive Maintenance-Rail	SECT 5307					\$0.000
	SECT 5337					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$974.935**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
<b>CAP</b>	<b>SECT 5307</b>	\$123.382	\$75.493	\$85.073	\$85.073	\$336.809
<b>CAP</b>	<b>SECT 5337</b>	\$151.497	\$151.472	\$151.472	\$151.472	\$908.833
		\$274.879	\$226.966	\$236.545	\$236.545	\$1245.643

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Preventive Maintenance-Rail

**DBNUM: T39**

This program provides funding for the overhaul of rail cars and locomotives and other preventive maintenance costs in accordance with federal funding guidelines as defined in the National Transit Database Reporting Manual and federal law.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**

**(Million) \$2,172.626**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Preventive Maintenance-Rail	SECT 5307					\$114.279
	SECT 5337					\$155.829

**FY 2020 - 2023 TIP Cost: (Million) \$926.983**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	SECT 5307	\$75.454	\$75.493	\$85.073	\$85.073	\$336.809
CAP	SECT 5337	\$151.472	\$151.472	\$151.472	\$151.472	\$908.833
		\$226.927	\$226.966	\$236.545	\$236.545	\$1245.643

# NJTPA

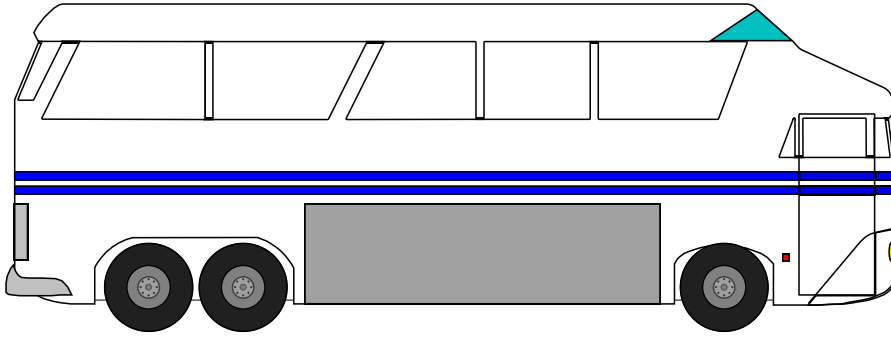
## Transportation Improvement Program Fiscal Years 2020 - 2023

Private Carrier Equipment Program

DBNUM: T106

This program provides State funds for the Private Carrier Capital Improvement Program.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT1 (Exempt)

**Est. Total Project Cost:**

**(Million) \$22.400**

FY 2020 - 2023 TIP Cost: (Million) \$9.800

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	STATE	\$2.800	\$2.800	\$2.100	\$2.100	\$12.600
		\$2.800	\$2.800	\$2.100	\$2.100	\$12.600

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Rail Capital Maintenance

DBNUM: T34

The Rail Capital Maintenance project includes Rail Maintenance of Way (MOW) activities and Rail Maintenance of Equipment (MOE) activities in accordance with TTF eligibility requirements.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

Not Applicable

**Est. Total Project Cost:**

**(Million) \$917.852**

FY 2020 - 2023 TIP Cost: (Million) \$367.141

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	STATE	\$91.785	\$91.785	\$91.785	\$91.785	\$550.711
		\$91.785	\$91.785	\$91.785	\$91.785	\$550.711

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Rail Fleet Overhaul

DBNUM: T53G

This program provides funds for the mid-life overhaul and reliability/safety improvements of rail cars based on manufacturer recommendations and other rolling stock modifications to meet recently issued FRA and APTA mandated standards.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT3 (Exempt)

**Est. Total Project Cost:**

**(Million) \$8.945**

FY 2020 - 2023 TIP Cost: (Million) \$8.945

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	STATE	\$8.945				
		\$8.945				

Transportation Improvement Program Fiscal Years 2020 - 2023

Rail Rolling Stock Procurement

DBNUM: T112

This program provide funds for the replacement of rail rolling stock, including engineering assistance and project management, to replace over-aged equipment including rail cars, revenue service locomotives, and expansion of NJ TRANSIT rolling stock fleet (cars and locomotives) to accommodate projected ridership growth and other system enhancements over the next ten years. Funding is provided to support vehicles\equipment (for rail operations). Annual funds are provided for Comet V single-level car lease payments, Electric Locomotive lease payments, Diesel Locomotive lease payments, Dual Power Locomotives and Multi-Level rail car lease payments and other upcoming rolling stock lease payments. Pay-as-you-go funding is also programmed for Multi-Level vehicles and other rolling stock. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. CMAQ: Funding for Rail Rolling Stock Procurement will include CMAQ funds. Rail Rolling Stock Procurement is CMAQ eligible because it meets federal eligibility requirements. The project will provide funding for the purchase of Multi-Level Coaches and Multi-Level EMU vehicles. For the CMAQ justification see "CMAQ Report for NJ TRANSIT".



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT10 (Exempt)

**Est. Total Project Cost:**

(Million) \$2,839.884

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Rail Rolling Stock Procurement	CMAQ					\$0.000
	SECT 5307					\$0.000

FY 2020 - 2023 TIP Cost: (Million) \$1100.756

Unconstrained Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	CMAQ	\$144.675	\$75.000	\$75.000	\$75.000	\$424.156
CAP	SECT 5307	\$48.503	\$63.908	\$59.300	\$52.911	\$418.078
CAP	SECT 5337			\$5.853		
CAP	STATE	\$63.994	\$128.291	\$220.431	\$87.891	\$966.515
		\$257.172	\$267.199	\$360.584	\$215.802	\$1808.749

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Rail Rolling Stock Procurement

**DBNUM: T112**

This program provide funds for the replacement of rail rolling stock, including engineering assistance and project management, to replace over-aged equipment including rail cars, revenue service locomotives, and expansion of NJ TRANSIT rolling stock fleet (cars and locomotives) to accommodate projected ridership growth and other system enhancements over the next ten years. Funding is provided to support vehicles\equipment (for rail operations). Annual funds are provided for Comet V single-level car lease payments, Electric Locomotive lease payments, Diesel Locomotive lease payments, Dual Power Locomotives and Multi-Level rail car lease payments and other upcoming rolling stock lease payments. Pay-as-you-go funding is also programmed for Multi-Level vehicles and other rolling stock. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. CMAQ: Funding for Rail Rolling Stock Procurement will include CMAQ funds. Rail Rolling Stock Procurement is CMAQ eligible because it meets federal eligibility requirements. The project will provide funding for the purchase of Multi-Level Coaches and Multi-Level EMU vehicles. For the CMAQ justification see "CMAQ Report for NJ TRANSIT".



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT10 (Exempt)

**Est. Total Project Cost:**

**(Million) \$2,839.884**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Rail Rolling Stock Procurement	CMAQ					\$0.000
	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$1115.256**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
<b>CAP</b>	<b>CMAQ</b>	\$144.675	\$75.000	\$75.000	\$75.000	\$424.156
<b>CAP</b>	<b>SECT 5307</b>	\$48.503	\$78.408	\$59.300	\$52.911	\$418.078
<b>CAP</b>	<b>SECT 5337</b>			\$5.853		
<b>CAP</b>	<b>STATE</b>	\$63.994	\$128.291	\$220.431	\$87.891	\$966.515
		\$257.172	\$281.699	\$360.584	\$215.802	\$1808.749



**Transportation Improvement Program Fiscal Years 2020 - 2023**

Rail Rolling Stock Procurement

**DBNUM: T112**

This program provide funds for the replacement of rail rolling stock, including engineering assistance and project management, to replace over-aged equipment including rail cars, revenue service locomotives, and expansion of NJ TRANSIT rolling stock fleet (cars and locomotives) to accommodate projected ridership growth and other system enhancements over the next ten years. Funding is provided to support vehicles\equipment (for rail operations). Annual funds are provided for Comet V single-level car lease payments, Electric Locomotive lease payments, Diesel Locomotive lease payments, Dual Power Locomotives and Multi-Level rail car lease payments and other upcoming rolling stock lease payments. Pay-as-you-go funding is also programmed for Multi-Level vehicles and other rolling stock. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. CMAQ: Funding for Rail Rolling Stock Procurement will include CMAQ funds. Rail Rolling Stock Procurement is CMAQ eligible because it meets federal eligibility requirements. The project will provide funding for the purchase of Multi-Level Coaches and Multi-Level EMU vehicles. For the CMAQ justification see "CMAQ Report for NJ TRANSIT".



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT10 (Exempt)

**Est. Total Project Cost:**

**(Million) \$2,839.884**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Rail Rolling Stock Procurement	CMAQ					\$0.000
	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$1115.256**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
CAP	CMAQ	\$144.675	\$75.000	\$75.000	\$75.000	\$424.156
CAP	SECT 5307	\$81.489	\$45.422	\$59.300	\$52.911	\$418.078
CAP	SECT 5337			\$5.853		
CAP	STATE	\$63.994	\$128.291	\$220.431	\$87.891	\$966.515
		\$290.158	\$248.712	\$360.584	\$215.802	\$1808.749

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Rail Rolling Stock Procurement

**DBNUM: T112**

This program provide funds for the replacement of rail rolling stock, including engineering assistance and project management, to replace over-aged equipment including rail cars, revenue service locomotives, and expansion of NJ TRANSIT rolling stock fleet (cars and locomotives) to accommodate projected ridership growth and other system enhancements over the next ten years. Funding is provided to support vehicles\equipment (for rail operations). Annual funds are provided for Comet V single-level car lease payments, Electric Locomotive lease payments, Diesel Locomotive lease payments, Dual Power Locomotives and Multi-Level rail car lease payments and other upcoming rolling stock lease payments. Pay-as-you-go funding is also programmed for Multi-Level vehicles and other rolling stock. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. CMAQ: Funding for Rail Rolling Stock Procurement will include CMAQ funds. Rail Rolling Stock Procurement is CMAQ eligible because it meets federal eligibility requirements. The project will provide funding for the purchase of Multi-Level Coaches and Multi-Level EMU vehicles. For the CMAQ justification see "CMAQ Report for NJ TRANSIT".



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT10 (Exempt)

**Est. Total Project Cost:**

**(Million) \$2,839.884**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Rail Rolling Stock Procurement	CMAQ					\$216.125
	SECT 5307					\$81.529

**FY 2020 - 2023 TIP Cost: (Million) \$1031.135**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
<b>CAP</b>	<b>CMAQ</b>	\$75.000	\$75.000	\$75.000	\$75.000	\$424.156
<b>CAP</b>	<b>SECT 5307</b>	\$67.043	\$45.422	\$59.300	\$52.911	\$418.078
<b>CAP</b>	<b>SECT 5337</b>			\$5.853		
<b>CAP</b>	<b>STATE</b>	\$63.994	\$128.291	\$220.431	\$87.891	\$966.515
		\$206.037	\$248.712	\$360.584	\$215.802	\$1808.749

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Rail Support Facilities and Equipment

**DBNUM:** T37

This program provides funds for rehabilitation and construction activities for yard improvements system wide, improvements at support facilities necessary to perform maintenance work at rail yards including work at Port Morris Yard, rail capacity improvements including passing sidings, interlockings and electric traction improvements, signal and communication improvements at support facilities, right-of-way fencing, maintenance-of-way equipment and the installation of pedestal tracks necessary to perform maintenance work at rail yards. Funding is provided for system wide crew quarters, the Meadows Maintenance Complex upgrade/expansion work required to support the new rail fleet. Also included is funding for NJ TRANSIT's capital cost-sharing obligations related to use of Amtrak/Conrail facilities including but not limited to acquisition of properties and any items or services needed to support the acquisition. Other funds indicated in the table include \$6.542 million from the FRA CRISI program ID FR-CRS-18-006-062777 flexed to FTA for Positive Train Control implementation.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT8 (Exempt)

**Est. Total Project Cost:**

**(Million)** \$214.995

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Rail Support Facilities and Equipment	5307					\$0.000
	OTHER					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$166.258**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	METRO-NORTH	\$ .690	\$ .690	\$ .690	\$ .690	\$4.140
ERC	OTHER	\$6.542				
ERC	OTHER		\$6.312			
ERC	SECT 5307		\$42.107	\$14.000		
ERC	SECT 5337	\$6.856			\$20.000	
ERC	STATE	\$9.578	\$43.377	\$8.869	\$5.857	\$51.141
		\$23.666	\$92.486	\$23.559	\$26.547	\$55.281

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Rail Support Facilities and Equipment

**DBNUM: T37**

This program provides funds for rehabilitation and construction activities for yard improvements system wide, improvements at support facilities necessary to perform maintenance work at rail yards including work at Port Morris Yard, rail capacity improvements including passing sidings, interlockings and electric traction improvements, signal and communication improvements at support facilities, right-of-way fencing, maintenance-of-way equipment and the installation of pedestal tracks necessary to perform maintenance work at rail yards. Funding is provided for system wide crew quarters, the Meadows Maintenance Complex upgrade/expansion work required to support the new rail fleet. Also included is funding for NJ TRANSIT's capital cost-sharing obligations related to use of Amtrak/Conrail facilities including but not limited to acquisition of properties and any items or services needed to support the acquisition. Other funds indicated in the table include \$6.542 million from the FRA CRISI program ID FR-CRS-18-006-062777 flexed to FTA for Positive Train Control implementation.



**Counties:**  
Various

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$214.995**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Rail Support Facilities and Equipment	5307					\$0.000
	OTHER					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$166.257**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	METRO-NORTH	\$ .690	\$ .690	\$ .690	\$ .690	\$4.140
ERC	OTHER	\$12.854				
ERC	SECT 5307	\$1.687	\$40.420	\$14.000		
ERC	SECT 5337	\$6.855			\$20.000	
ERC	STATE	\$9.578	\$43.377	\$8.869	\$5.857	\$51.141
		\$31.664	\$84.487	\$23.559	\$26.547	\$55.281

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Rail Support Facilities and Equipment

**DBNUM: T37**

This program provides funds for rehabilitation and construction activities for yard improvements system wide, improvements at support facilities necessary to perform maintenance work at rail yards including work at Port Morris Yard, rail capacity improvements including passing sidings, interlockings and electric traction improvements, signal and communication improvements at support facilities, right-of-way fencing, maintenance-of-way equipment and the installation of pedestal tracks necessary to perform maintenance work at rail yards. Funding is provided for system wide crew quarters, the Meadows Maintenance Complex upgrade/expansion work required to support the new rail fleet. Also included is funding for NJ TRANSIT's capital cost-sharing obligations related to use of Amtrak/Conrail facilities including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$214.995**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Rail Support Facilities and Equipment	5307					\$0.000
	OTHER					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$166.257**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	METRO-NORTH	\$ .690	\$ .690	\$ .690	\$ .690	\$4.140
ERC	OTHER	\$12.854				
ERC	SECT 5307	\$1.687	\$40.420	\$14.000		
ERC	SECT 5337	\$6.855			\$20.000	
ERC	STATE	\$9.578	\$43.377	\$8.869	\$5.857	\$51.141
		\$31.664	\$84.487	\$23.559	\$26.547	\$55.281

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Rail Support Facilities and Equipment

**DBNUM: T37**

This program provides funds for rehabilitation and construction activities for yard improvements system wide, improvements at support facilities necessary to perform maintenance work at rail yards including work at Port Morris Yard, rail capacity improvements including passing sidings, interlockings and electric traction improvements, signal and communication improvements at support facilities, right-of-way fencing, maintenance-of-way equipment and the installation of pedestal tracks necessary to perform maintenance work at rail yards. Funding is provided for system wide crew quarters, the Meadows Maintenance Complex upgrade/expansion work required to support the new rail fleet. Also included is funding for NJ TRANSIT's capital cost-sharing obligations related to use of Amtrak/Conrail facilities including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**  
Various

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$214.995**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Rail Support Facilities and Equipment	5307					\$0.000
	OTHER					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$166.257**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	METRO-NORTH	\$ .690	\$ .690	\$ .690	\$ .690	\$4.140
ERC	OTHER	\$12.854				
ERC	SECT 5307	\$8.542	\$40.420	\$14.000		
ERC	SECT 5337				\$20.000	
ERC	STATE	\$9.578	\$43.377	\$8.869	\$5.857	\$51.141
		\$31.664	\$84.487	\$23.559	\$26.547	\$55.281

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Rail Support Facilities and Equipment

**DBNUM: T37**

This program provides funds for rehabilitation and construction activities for yard improvements system wide, improvements at support facilities necessary to perform maintenance work at rail yards including work at Port Morris Yard, rail capacity improvements including passing sidings, interlockings and electric traction improvements, signal and communication improvements at support facilities, right-of-way fencing, maintenance-of-way equipment and the installation of pedestal tracks necessary to perform maintenance work at rail yards. Funding is provided for system wide crew quarters, the Meadows Maintenance Complex upgrade/expansion work required to support the new rail fleet. Also included is funding for NJ TRANSIT's capital cost-sharing obligations related to use of Amtrak/Conrail facilities including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**  
Various

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$214.995**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Rail Support Facilities and Equipment	5307					\$6.542
	OTHER					\$27.410

**FY 2020 - 2023 TIP Cost: (Million) \$159.715**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	METRO-NORTH	\$ .690	\$ .690	\$ .690	\$ .690	\$4.140
ERC	OTHER	\$12.854				
ERC	SECT 5307	\$2.000	\$40.420	\$14.000		
ERC	SECT 5337				\$20.000	
ERC	STATE	\$9.578	\$43.377	\$8.869	\$5.857	\$51.141
		\$25.122	\$84.487	\$23.559	\$26.547	\$55.281

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

ROC UPS Raising

DBNUM: T914

This project is in response to Superstorm Sandy. It will replace the Uninterruptible Power System (UPS) for the Rail Operations Center (ROC). The work includes raising the existing battery banks on the first floor to design flood elevation or above, and installing a new UPS on the second floor (replacing the existing UPS on the first floor). It also includes the associated cabling, architectural, structural, and Mechanical, Electrical, Plumbing and Sprinkler (MEPS) work necessary to accommodate and support the new UPS system.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT6, O9 (Exempt)

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
ROC UPS Raising	SECT 5307					\$4.600

**FY 2020 - 2023 TIP Cost: (Million) \$0.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307					\$.001
						\$.001



# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Safety Improvement Program

DBNUM: T509

This program provides funding for safety improvement initiatives system wide addressing bus, rail, light rail, Access Link and other identified safety needs. Funding includes investment in equipment, passenger and maintenance facilities, right of way improvements, and other initiatives that improve the safe provision of transportation services. Funding will support planning, engineering, design, construction, acquisitions and other associated costs.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Transportation Support Facilities

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

Not Applicable

**Est. Total Project Cost:**

**(Million) \$9.290**

FY 2020 - 2023 TIP Cost: (Million) \$3.716

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$.929	\$.929	\$.929	\$.929	\$5.574
		\$.929	\$.929	\$.929	\$.929	\$5.574

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Section 5310 Program

DBNUM: T150

This program provides funds for the purchase of small buses or van-type vehicles for agencies that serve the elderly and persons with disabilities. This was formerly known as the Section 16 Program. MATCH funds are provided from the State.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Local System Support

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT10 (Exempt)

**Est. Total Project Cost:**

**(Million) \$61.600**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Section 5310 Program	SECT 5310					\$5.040

**FY 2020 - 2023 TIP Cost: (Million) \$24.640**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	SECT 5310	\$5.110	\$5.110	\$5.110	\$5.110	\$30.660
CAP	STATE	\$1.050	\$1.050	\$1.050	\$1.050	\$6.300
		\$6.160	\$6.160	\$6.160	\$6.160	\$36.960

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Section 5311 Program

DBNUM: T151

This program provides funding for rural public transportation program. MATCH funds are provided from NJ TRANSIT and local funds.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.



**Counties:**  
Various

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Local System Support

**RCIS Category:**  
Transit Enhancement

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT1 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$44.100**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Section 5311 Program	MATCH					\$1.330
	SECT 5311					\$2.940

**FY 2020 - 2023 TIP Cost: (Million) \$17.640**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
CAP	MATCH	\$1.330	\$1.330	\$1.330	\$1.330	\$7.980
CAP	SECT 5311	\$3.010	\$3.010	\$3.010	\$3.010	\$18.060
CAP	STATE	\$.070	\$.070	\$.070	\$.070	\$.420
		\$4.410	\$4.410	\$4.410	\$4.410	\$26.460

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Security Improvements

DBNUM: T508

This program provides funds for continued modernization/improvements of NJ TRANSIT Police and other security improvements. Today, the NJ TRANSIT Police Department is the only transit policing agency in the country with statewide authority and jurisdiction. The Department was created on January 1, 1983, and it evolved as a result of the passage of the Public Transportation Act of 1979 and subsequent legislation on the state and federal levels.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Security

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

Not Applicable

**Est. Total Project Cost:**

**(Million) \$18.270**

FY 2020 - 2023 TIP Cost: (Million) \$7.308

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
SWI	STATE	\$1.827	\$1.827	\$1.827	\$1.827	\$10.962
		\$1.827	\$1.827	\$1.827	\$1.827	\$10.962

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Signals and Communications/Electric Traction Systems

**DBNUM:** T50

This project provides funding for continued modernization/improvements to the signal and communications systems, including signal/communication upgrade of interlockings, and other communication improvements. This project also provides funding for systemwide electric traction general upgrades including: substation replacement, wayside hot box detection system, rail microwave system upgrades, replacement of substation batteries and electric switch heaters, emergency power backup systemwide, rehabilitation of systemwide overhead catenary structures and foundations including but not limited to acquisition of properties and any items or services needed to support the acquisition. In addition, funding will be provided for Positive Train Control training facilities including but not limited to equipment purchasing, engineering, design, planning, construction, acquisitions and other associated costs.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT6 (Exempt)

**Est. Total Project Cost:**

**(Million) \$225.664**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Signals and Communications/Electric Traction Systems	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$181.050**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5337	\$16.700				
ERC	STATE	\$66.440	\$77.472	\$10.219	\$10.219	\$61.314
		\$83.140	\$77.472	\$10.219	\$10.219	\$61.314

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Signals and Communications/Electric Traction Systems

**DBNUM: T50**

This project provides funding for continued modernization/improvements to the signal and communications systems, including signal/communication upgrade of interlockings, and other communication improvements. This project also provides funding for systemwide electric traction general upgrades including: substation replacement, wayside hot box detection system, rail microwave system upgrades, replacement of substation batteries and electric switch heaters, emergency power backup systemwide, rehabilitation of systemwide overhead catenary structures and foundations including but not limited to acquisition of properties and any items or services needed to support the acquisition. In addition, funding will be provided for Positive Train Control training facilities including but not limited to equipment purchasing, engineering, design, planning, construction, acquisitions and other associated costs.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT6 (Exempt)

**Est. Total Project Cost:**

**(Million) \$225.664**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Signals and Communications/Electric Traction Systems	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$181.050**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	SECT 5307	\$16.700				
ERC	STATE	\$66.440	\$77.472	\$10.219	\$10.219	\$61.314
		\$83.140	\$77.472	\$10.219	\$10.219	\$61.314

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Signals and Communications/Electric Traction Systems

**DBNUM: T50**

This project provides funding for continued modernization/improvements to the signal and communications systems, including signal/communication upgrade of interlockings, and other communication improvements. This project also provides funding for systemwide electric traction general upgrades including: substation replacement, wayside hot box detection system, rail microwave system upgrades, replacement of substation batteries and electric switch heaters, emergency power backup systemwide, rehabilitation of systemwide overhead catenary structures and foundations including but not limited to acquisition of properties and any items or services needed to support the acquisition. In addition, funding will be provided for Positive Train Control training facilities including but not limited to equipment purchasing, engineering, design, planning, construction, acquisitions and other associated costs.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT6 (Exempt)

**Est. Total Project Cost:**

**(Million) \$225.664**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Signals and Communications/Electric Traction Systems	SECT 5307					\$16.700

**FY 2020 - 2023 TIP Cost: (Million) \$164.350**

**Unconstrained Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$66.440	\$77.472	\$10.219	\$10.219	\$61.314
		\$66.440	\$77.472	\$10.219	\$10.219	\$61.314

Transportation Improvement Program Fiscal Years 2020 - 2023

Small/Special Services Program

DBNUM: T120

Funding is provided for NJ TRANSIT efforts which initiate or promote transit solutions to reduce congestion, manage transportation demand and improve air quality. Included are State funds for the Vanpool Sponsorship Program, Transportation Management Association Program, and Federal funds for East Windsor Community Shuttle operating support. Funding is also provided for capital acquisition/operating expenses for the Community Shuttle Program, Bike/Transit facilitation, and other activities that improve air quality and help reduce congestion. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Local System Support

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

AQ1 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$9.611**

<i>Unobligated Prior Year Funding:</i>	<i>Fund</i>	<i>FY 2015</i>	<i>FY 2016</i>	<i>FY 2017</i>	<i>FY 2018</i>	<i>FY 2019</i>
Small/Special Services Program	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$14.268**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	CMAQ 5307		\$10.424			
EC	STATE	\$.961	\$.961	\$.961	\$.961	\$5.767
		\$.961	\$11.385	\$.961	\$.961	\$5.767



**Transportation Improvement Program Fiscal Years 2020 - 2023**

Small/Special Services Program

**DBNUM: T120**

Funding is provided for NJ TRANSIT efforts which initiate or promote transit solutions to reduce congestion, manage transportation demand and improve air quality. Included are State funds for the Vanpool Sponsorship Program, Transportation Management Association Program, and Federal funds for East Windsor Community Shuttle operating support. Funding is also provided for capital acquisition/operating expenses for the Community Shuttle Program, Bike/Transit facilitation, and other activities that improve air quality and help reduce congestion. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Local System Support

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

AQ1 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$9.611**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Small/Special Services Program	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$12.381**

**Unconstrained  
Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
EC	CMAQ 5307		\$8.537			
EC	STATE	\$.961	\$.961	\$.961	\$.961	\$5.767
		\$.961	\$9.498	\$.961	\$.961	\$5.767

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Small/Special Services Program

**DBNUM: T120**

Funding is provided for NJ TRANSIT efforts which initiate or promote transit solutions to reduce congestion, manage transportation demand and improve air quality. Included are State funds for the Vanpool Sponsorship Program, Transportation Management Association Program, and Federal funds for East Windsor Community Shuttle operating support. Funding is also provided for capital acquisition/operating expenses for the Community Shuttle Program, Bike/Transit facilitation, and other activities that improve air quality and help reduce congestion. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Local System Support

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

AQ1 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$9.611**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Small/Special Services Program	SECT 5307					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$12.381**

**Unconstrained  
Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
EC	CMAQ 5307	\$8.537				
EC	STATE	\$.961	\$.961	\$.961	\$.961	\$5.767
		\$9.498	\$.961	\$.961	\$.961	\$5.767

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Small/Special Services Program

**DBNUM: T120**

Funding is provided for NJ TRANSIT efforts which initiate or promote transit solutions to reduce congestion, manage transportation demand and improve air quality. Included are State funds for the Vanpool Sponsorship Program, Transportation Management Association Program, and Federal funds for East Windsor Community Shuttle operating support. Funding is also provided for capital acquisition/operating expenses for the Community Shuttle Program, Bike/Transit facilitation, and other activities that improve air quality and help reduce congestion. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Local System Support

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

AQ1 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$9.611**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Small/Special Services Program	SECT 5307					\$11.337

**FY 2020 - 2023 TIP Cost: (Million) \$3.844**

**Unconstrained  
Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
<b>EC</b>	<b>STATE</b>	\$ .961	\$ .961	\$ .961	\$ .961	\$5.767
		\$ .961	\$ .961	\$ .961	\$ .961	\$5.767

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Study and Development

DBNUM: T88

This element provides funds for system and infrastructure planning studies to ready projects for design, as well as demand forecasting and other related planning work.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Congestion Relief

**RCIS Category:**

Overhead

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

O10c (Exempt)

**Est. Total Project Cost:**

**(Million) \$40.159**

FY 2020 - 2023 TIP Cost: (Million) \$16.064

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
PLS	STATE	\$4.016	\$4.016	\$4.016	\$4.016	\$24.094
		\$4.016	\$4.016	\$4.016	\$4.016	\$24.094

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Technology Improvements

**DBNUM:** T500

This element funds improvements to passenger communication and fare collection systems and other information technology improvements to meet internal and external customer needs. Funding is included for Public Address Upgrades/Onboard Communication Systems, Bus Radio System Upgrade Program, GIS Systems, TVM Replacement/Expansion, Smart Card Technology and improvements at stations system wide, computer systems and services, photocopy lease payments, ADA Access Link computer upgrades and upgrades to increase efficiency and productivity of NJ TRANSIT's technology infrastructure to support services to customers.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT5 (Exempt)

**Est. Total Project Cost:**

**(Million)** \$98.000

**FY 2020 - 2023 TIP Cost: (Million) \$45.290**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
EC	STATE	\$17.535	\$8.785	\$10.185	\$8.785	\$52.710
		\$17.535	\$8.785	\$10.185	\$8.785	\$52.710

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

Track Program

DBNUM: T42

Funding is provided for an annual program of track rehabilitation including system wide replacement of life-expired ties and other rail improvements, right-of-way fencing, equipment necessary to maintain a state of good and safe repair, purchase of long lead-time materials for next construction season, maintenance-of-way work equipment, interlocking improvements, passing sidings and other improvements. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT9 (Exempt)

**Est. Total Project Cost:**

**(Million) \$167.220**

FY 2020 - 2023 TIP Cost: (Million) \$66.888

Unconstrained  
Information Year

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$16.722	\$16.722	\$16.722	\$16.722	\$100.332
		\$16.722	\$16.722	\$16.722	\$16.722	\$100.332

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Transit Enhancements/Transp Altern Prog (TAP)/Altern Transit Improv (ATI) **DBNUM: T210**

Funding is provided for projects or project elements that are designed to enhance mass transportation service or use and are physically or functionally related to transit facilities as outlined in FTA Circular 9030.1E., including funding for a Statewide Bus Signs and Shelter Maintenance Upgrade Program and historic restoration of NJ TRANSIT facilities. There will be a cash match for Section 5312 funding only. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Enhancement

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$200.496**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Transit Enhancements	DEMO					\$0.000
	SECT 5307					\$0.000
	SECT 5337					\$0.000
	SECT 5339					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$90.313**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	DEMO	\$2.500				
ERC	SECT 5307	\$7.050	\$6.719	\$16.858	\$5.858	\$81.051
ERC	SECT 5312	\$.020				
ERC	SECT 5337	\$.000	\$19.401	\$4.234	\$4.234	\$25.404
ERC	SECT 5339	\$5.100	\$1.699	\$10.990	\$2.150	\$12.898
ERC	STP-TE	\$.700	\$1.400	\$.700	\$.700	\$4.200
		\$15.370	\$29.219	\$32.782	\$12.942	\$123.553

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Transit Enhancements/Transp Altern Prog (TAP)/Altern Transit Improv (ATI) **DBNUM: T210**

Funding is provided for projects or project elements that are designed to enhance mass transportation service or use and are physically or functionally related to transit facilities as outlined in FTA Circular 9030.1E., including funding for a Statewide Bus Signs and Shelter Maintenance Upgrade Program and historic restoration of NJ TRANSIT facilities. There will be a cash match for Section 5312 funding only. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.



**Counties:**  
Various

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Enhancement

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$200.496**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Transit Enhancements	DEMO					\$0.000
	SECT 5307					\$0.000
	SECT 5337					\$0.000
	SECT 5339					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$109.620**

**Unconstrained  
Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	DEMO	\$2.500				
ERC	SECT 5307	\$7.050	\$26.026	\$16.858	\$5.858	\$81.051
ERC	SECT 5312	\$.020				
ERC	SECT 5337	\$.000	\$19.401	\$4.234	\$4.234	\$25.404
ERC	SECT 5339	\$5.100	\$1.699	\$10.990	\$2.150	\$12.898
ERC	STP-TE	\$.700	\$1.400	\$.700	\$.700	\$4.200
		\$15.370	\$48.526	\$32.782	\$12.942	\$123.553



**Transportation Improvement Program Fiscal Years 2020 - 2023**

Transit Enhancements/Transp Altern Prog (TAP)/Altern Transit Improv (ATI) **DBNUM: T210**

Funding is provided for projects or project elements that are designed to enhance mass transportation service or use and are physically or functionally related to transit facilities as outlined in FTA Circular 9030.1E., including funding for a Statewide Bus Signs and Shelter Maintenance Upgrade Program and historic restoration of NJ TRANSIT facilities. There will be a cash match for Section 5312 funding only. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.



**Counties:**  
Various

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Enhancement

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$200.496**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Transit Enhancements	DEMO					\$0.000
	SECT 5307					\$0.000
	SECT 5337					\$0.000
	SECT 5339					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$108.920**

**Unconstrained Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	DEMO	\$2.500				
ERC	SECT 5307	\$20.564	\$12.512	\$16.858	\$5.858	\$81.051
ERC	SECT 5312	\$.020				
ERC	SECT 5337	\$15.167	\$4.234	\$4.234	\$4.234	\$25.404
ERC	SECT 5339	\$6.799		\$10.990	\$2.150	\$12.898
ERC	STP-TE	\$.700	\$.700	\$.700	\$.700	\$4.200
		\$45.750	\$17.446	\$32.782	\$12.942	\$123.553

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Transit Enhancements/Transp Altern Prog (TAP)/Altern Transit Improv (ATI) **DBNUM: T210**

Funding is provided for projects or project elements that are designed to enhance mass transportation service or use and are physically or functionally related to transit facilities as outlined in FTA Circular 9030.1E., including funding for a Statewide Bus Signs and Shelter Maintenance Upgrade Program and historic restoration of NJ TRANSIT facilities. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.



**Counties:**  
Various

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Enhancement

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$200.496**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Transit Enhancements	DEMO					\$0.000
	SECT 5307					\$0.000
	SECT 5337					\$0.000
	SECT 5339					\$0.000

**FY 2020 - 2023 TIP Cost: (Million) \$108.920**

**Unconstrained  
Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	DEMO	\$2.500				
ERC	SECT 5307	\$20.564	\$12.512	\$16.858	\$5.858	\$81.051
ERC	SECT 5337	\$15.187	\$4.234	\$4.234	\$4.234	\$25.404
ERC	SECT 5339	\$6.799		\$10.990	\$2.150	\$12.898
ERC	STP-TE	\$0.700	\$0.700	\$0.700	\$0.700	\$4.200
		\$45.750	\$17.446	\$32.782	\$12.942	\$123.553

**Transportation Improvement Program Fiscal Years 2020 - 2023**

Transit Enhancements/Transp Altern Prog (TAP)/Altern Transit Improv (ATI) **DBNUM: T210**

Funding is provided for projects or project elements that are designed to enhance mass transportation service or use and are physically or functionally related to transit facilities as outlined in FTA Circular 9030.1E., including funding for a Statewide Bus Signs and Shelter Maintenance Upgrade Program and historic restoration of NJ TRANSIT facilities. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.



**Counties:**  
Various

**Municipalities:**  
Various

**NJ Transit CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Enhancement

**Sponsor:**  
NJ TRANSIT

**Air Quality Code:**  
MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$200.496**

<b>Unobligated Prior Year Funding:</b>	<b>Fund</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Transit Enhancements	DEMO					\$2.500
	SECT 5307					\$21.711
	SECT 5337					\$10.953
	SECT 5339					\$7.300

**FY 2020 - 2023 TIP Cost: (Million) \$76.942**

**Unconstrained  
Information Year**

<b>PHASE</b>	<b>SOURCE</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2029</b>
ERC	SECT 5307	\$6.684	\$12.512	\$16.858	\$5.858	\$81.051
ERC	SECT 5337	\$4.234	\$4.234	\$4.234	\$4.234	\$25.404
ERC	SECT 5339	\$2.155		\$10.990	\$2.150	\$12.898
ERC	STP-TE	\$.700	\$.700	\$.700	\$.700	\$4.200
		\$13.772	\$17.446	\$32.782	\$12.942	\$123.553

# NJTPA

## Transportation Improvement Program Fiscal Years 2020 - 2023

### Transit Rail Initiatives

**DBNUM: T300**

This program provides funding for transit expansion projects, including River Line Glassboro-Camden Light Rail Improvements, new station construction, ferry program, fixed guideway improvements (Rail, Light Rail, BRT, and Ferry), and related vehicle and equipment acquisition. Also included are FTA new starts projects authorized under New Jersey Urban Core or SAFETEA-LU. Potential projects in this category include (in no rank order): Northern Branch Rail; HBLR Extension to Secaucus; HBLR Secaucus-Meadowlands Connector; Passaic-Bergen rail service on the NYS&W east of Hawthorne using Diesel Multiple Unit (DMU) passenger equipment; Restoration of commuter rail service on the NYS&W west of Hawthorne; Port Morris Improvements; West Shore--Hoboken to West Haverstraw; NERL Elizabeth Segment from NJ TRANSIT'S Northeast Corridor Midtown Elizabeth Station to Newark Liberty International Airport via the Elizabeth Waterfront; Restoration of commuter rail service on the West Trenton line; River LINE LRT Capitol Extension; Second Phase of River LINE LRT/PATCO Extension; Glassboro-Camden Light Rail; Route 1 BRT, Second Phase of NERL (Newark Penn Station to Newark Liberty International Airport); Commuter rail extension in Monmouth and Ocean Counties; Lehigh Third Track Capacity Improvements; Extension of Cape May Seashore Line north to Hammonton (to Atlantic City Rail Line); Commuter Rail extension to Phillipsburg, improvements on the Atlantic City Rail Line, new rail station improvements such as Atlantic City Line/River LINE connection, Moynihan Station, Penn Station New York access improvements and platform extensions, Penn Station New York Central Concourse, Penn Station New York West End Concourse, E-yard expansion, Bus Rapid Transit Initiatives, Park and Rides and Smart Card Technology Program along with other new system wide, rail, bus, and light rail initiatives arising during the year. The narrative above governs how the state Transportation Trust Funds that are appropriated in the state budget to "Transit Rail Initiatives" can be used. The Transit Rail Initiatives project is a state funded effort that is displayed here only for information purposes in order to give a better understanding of total transportation funding. As shown below, there is no Federal funding allocated to the Transit Rail Initiatives project in the first four constrained years. In compliance with the state budget and the language above, state Transit Rail Initiatives funds will be used to advance the projects listed above, some of which are also authorized under Federal law, but not yet funded with Federal dollars. Funding is also provided to advance projects dependent on other non-federal (including private) funding, and/or state resources available beyond planned levels including but not limited to acquisition of properties and any items or services needed to support the acquisition.



**Counties:**

Various

**Municipalities:**

Various

**NJ Transit CIS Category:**

Congestion Relief

**RCIS Category:**

Transit Expansion

**Sponsor:**

NJ TRANSIT

**Air Quality Code:**

MT1 (Exempt)

**Est. Total Project Cost:**

**(Million) \$1,510.194**

**FY 2020 - 2023 TIP Cost: (Million) \$12.700**

**Unconstrained  
Information Year**

PHASE	SOURCE	2020	2021	2022	2023	2024-2029
ERC	STATE	\$3.175	\$6.175	\$.175	\$3.175	\$13.050
		\$3.175	\$6.175	\$.175	\$3.175	\$13.050