# **Transportation Improvement Program Fiscal Years 2016 - 2019**

ADA--Platforms/Stations

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

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



Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

**DBNUM:** T143

Mass Transit Assets

**RCIS Category:** 

Transit Enhancement

Sponsor:

NJ TRANSIT

Air Quality Code:

MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) \$81.476

FY 2016 - 2019 TIP Cost: (Million) \$3.730

	1 1 2010 2010 11		······································		
PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$.910	\$.910	\$.910	\$1.000
		\$.910	\$.910	\$.910	\$1.000

2020-2025	
\$6.000	
\$6.000	

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Bridge and Tunnel Rehabilitation

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.

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



Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

DBNUM: T05

Bridge Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

S19 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$121.472

PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$27.302	\$39.220	\$32.070	\$22.880
		\$27.302	\$39.220	\$32.070	\$22.880

2020-2025	
\$144.714	
\$144.714	

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

**Building Capital Leases** 

DBNUM: T32

Funding is provided for capital improvements and lease payment obligations at NJ TRANSIT operating and office installations.

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



#### Counties:

Various

#### Municipalities:

Various

### **NJ Transit CIS Category:**

**Transportation Support** Facilities

#### **RCIS Category:**

Transit Enhancement

### Sponsor:

NJ TRANSIT

#### Air Quality Code:

MT8 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$7.980

PHASE	SOURCE	2016	2017	2018	2019
CAP	STATE	\$3.990	\$3.990		
•	-	\$3.990	\$3.990		

2020-2025

## **NJTPA**

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

**Bus Acquisition Program** 

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.

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:**

MT3, MT10 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
<b>Bus Acquisition Program</b>	SECT			\$0.0000
	5339/5307			

FY 2016 - 2019 TIP Cost: (Million) \$329.219

			π, γ		
PHASE	SOURCE	2016	2017	2018	2019
CAP	SECT 5339	\$20.946	\$26.303		
CAP	STATE	\$45.152	\$82.088	\$78.504	\$76.226
		\$66.098	\$108.391	\$78.504	\$76.226

2020-2025
\$508.229
\$508.229

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

**Bus Acquisition Program** 

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.

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:

MT3, MT10 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Bus Acquisition Program	SECT			\$0.0000
	5339/5307			

FY 2016 - 2019 TIP Cost: (Million) \$329.219

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PHASE	SOURCE	2016	2017	2018	2019
CAP	SECT 5339	\$22.353	\$24.896		
CAP	STATE	\$45.152	\$82.088	\$78.504	\$76.226
		\$67.505	\$106.984	\$78.504	\$76.226

2020-2025
\$508.229
\$508.229

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

**Bus Acquisition Program** 

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.

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:

MT3, MT10 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Bus Acquisition Program	SECT 5339/5307			\$1.3400

### FY 2016 - 2019 TIP Cost: (Million) \$411.848

PHASE	SOURCE	2016	2017	2018	2019
CAP	SECT 5339	\$38.306			
CAP	STATE	\$45.152	\$103.260	\$113.730	\$111.400
		\$83.458	\$103.260	\$113.730	\$111.400

2020-2025
\$626.558
\$626.558

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

**Bus Acquisition Program** 

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.

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:**

DBNUM: T111

Mass Transit Assets

#### **RCIS Category:**

Transit Preservation

#### Sponsor:

NJ TRANSIT

#### Air Quality Code:

MT3, MT10 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Bus Acquisition Program	SECT			\$1.3400
	5339/5307			

FY 2016 - 2019 TIP Cost: (Million) \$373.542

PHASE	SOURCE	2016	2017	2018	2019
CAP	STATE	\$45.152	\$103.260	\$113.730	\$111.400
		\$45.152	\$103.260	\$113.730	\$111.400

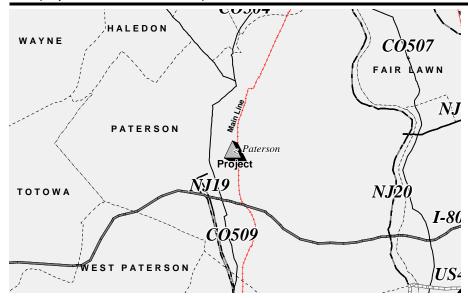
2020-2025
\$626.558
\$626.558

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Bus Maintenance Facilities DBNUM: T93

This program provides funds for bus maintenance facilities systemwide.

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:

MT8 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$3.000

		, , , , , , ,	, , ,		
PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$1.000	\$2.000		
		\$1.000	\$2.000		

2020-2025

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Bus Passenger Facilities/Park and Ride

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



#### Counties:

Various

#### Municipalities:

Various

#### **NJ Transit CIS Category:**

**DBNUM:** T06

Mass Transit Assets

#### **RCIS Category:**

Transit Enhancement

#### Sponsor:

**NJ TRANSIT** 

#### Air Quality Code:

MT8 (Exempt)

#### **Est. Total Project Cost:**

(Million) \$31.000

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Bus Passenger Facilities/Park and Ride (Frank R.	SECT 5307	\$2.0000		
Lautenberg Ground Tranps, Improv-Bus Livability)				

FY 2016 - 2019 TIP Cost: (Million) \$2.740

HASE	SOURCE	2016	2017	2018	2019	2020-2025
RC	STATE	\$.560	\$1.060	\$.560	\$.560	\$3.360
		\$.560	\$1.060	\$.560	\$.560	\$3.360

## **NJTPA**

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Bus Support Facilities and Equipment

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.

This program also involves the replacement of two CNG Compressor filling stations at Howell Garage.

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:

MT3 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Bus Support Facilities and Equipment	SECT			\$0.0000
	5339/5307			

FY 2016 - 2019 TIP Cost: (Million) \$50.737

		•			
PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5339/5307		\$10.725		
ERC	STATE	\$3.850	\$14.776	\$10.619	\$10.767
		\$3.850	\$25.501	\$10.619	\$10.767

2020-2025
\$24.206
\$24.206

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Bus Support Facilities and Equipment

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.

This program also involves the replacement of two CNG Compressor filling stations at Howell Garage.

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



#### Counties:

Various

#### Municipalities:

Various

#### **NJ Transit CIS Category:**

**DBNUM:** T08

Mass Transit Assets

#### **RCIS Category:**

Transit Preservation

#### Sponsor:

**NJ TRANSIT** 

#### Air Quality Code:

MT3 (Exempt)

			·-	
Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Bus Support Facilities and Equipment	SECT			\$2.0400
	5339/5307			

FY 2016 - 2019 TIP Cost: (Million) \$16.252

			- , ,		
PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$3.850	\$2.200	\$5.701	\$4.501
-		\$3.850	\$2.200	\$5.701	\$4.501

2020-2025
\$27.006
\$27.006

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

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 2016 - 2019 TIP Cost: (Million) \$43.180

PHASE	SOURCE	2016	2017	2018	2019
EC	STATE	\$8.560	\$5.390	\$4.800	\$24.430
		\$8.560	\$5.390	\$4.800	\$24.430

2020-2025
\$146.580
\$146.580

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Capital Program Implementation

DBNUM: T68
al program/project delivery

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:

MT10 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$60.120

PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$15.030	\$15.030	\$15.030	\$15.030
		\$15.030	\$15.030	\$15.030	\$15.030

2020-2025
\$90.178
\$90.178

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Casino Revenue Fund

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:** 

**DBNUM**: T515

Local System Support

RCIS Category:

TDM

Sponsor:

NJ TRANSIT

Air Quality Code:

MT1, MT2 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Casino Revenue Fund	CASINO		\$14.2430	\$12.7830
	REVENUE			

FY 2016 - 2019 TIP Cost: (Million) \$52.710

**PHASE** SOURCE 2017 2016 2018 2019 **CASINO REVENUE** \$13.177 \$13.177 CAP \$13.177 \$13.177 \$13.177 \$13.177 \$13.177 \$13.177

2020-2025
\$79.065
\$79.065

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

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:

MT1 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$5.600

PHASE	SOURCE	2016	2017	2018	2019
EC	STATE	\$1.400	\$1.400	\$1.400	\$1.400
		\$1.400	\$1.400	\$1.400	\$1.400

2020-2025
\$8.400
\$8.400

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Delco Lead Safe Haven Storage and Re-inspection Facility Project DBNUM: T907

Funding is provided to build the Delco Lead Safe Haven Storage and Re-Inspection Facility. The Delco Lead project is located in North Brunswick Township and the City of New Brunswick along the Northeast Corridor (NEC) rail line adjacent to the Conrail "Delco Secondary". The Safe Haven Storage will provide resilient storage that will protect equipment against damage resulting from a storm by accommodating the storage of approximately 150 electrified rail passenger cars. Combining this with the reconfiguration and improvement of the existing long freight track, storage of another 260 plus passenger rail cars may be possible. Also included in this project is the addition of a facility for rolling stock inspection and smaller repairs. The service and inspection facility will facilitate the rapid return of equipment to service following a storm event.

The source of the local funding is the State Transportation Trust Fund (TTF) in the amount of \$61,497,970. The STIP ID is DB#-T44, NEC Improvements. The \$61,497,970 includes \$30,000,000 of unspent funding appropriated in SFY14 and prior years for NJ TRANSIT's "NEC Improvements" program. In addition, NJ TRANSIT is allocating \$31,497,970 from the "NEC Improvements" program from the SFY15-24 Constrained Capital Program; including \$18,000,000 in SFY15, \$10,000,000 in SFY16 and \$3,497,970 in SFY17.





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

RCIS Category:

**Transit Preservation** 

Sponsor:

NJ TRANSIT

Air Quality Code:

NA

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Delco Lead Safe Haven Storage and Re-inspection	SECT 5324			\$0.0000
Facility Project				

FY 2016 - 2019 TIP Cost: (Million) \$184.494

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PHASE	SOURCE	2016	2017	2018	2019			
ERC	SECT 5324	\$184.494						
		\$184.494						

2020-2025

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Delco Lead Safe Haven Storage and Re-inspection Facility Project

Funding is provided to build the Delco Lead Safe Haven Storage and Re-Inspection Facility. The Delco Lead project is located in North Brunswick Township and the City of New Brunswick along the Northeast Corridor (NEC) rail line adjacent to the Conrail "Delco Secondary". The Safe Haven Storage will provide resilient storage that will protect equipment against damage resulting from a storm by accommodating the storage of approximately 150 electrified rail passenger cars. Combining this with the reconfiguration and improvement of the existing long freight track, storage of another 260 plus passenger rail cars may be possible. Also included in this project is the addition of a facility for rolling stock inspection and smaller repairs. The service and inspection facility will facilitate the rapid return of equipment to service following a storm event.

The source of the local funding is the State Transportation Trust Fund (TTF) in the amount of \$61,497,970. The STIP ID is DB#-T44, NEC Improvements. The \$61,497,970 includes \$30,000,000 of unspent funding appropriated in SFY14 and prior years for NJ TRANSIT's "NEC Improvements" program. In addition, NJ TRANSIT is allocating \$31,497,970 from the "NEC Improvements" program from the SFY15-24 Constrained Capital Program; including \$18,000,000 in SFY15, \$10,000,000 in SFY16 and \$3,497,970 in SFY17.





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

**DBNUM:** T907

Mass Transit Assets

RCIS Category:

**Transit Preservation** 

Sponsor:

NJ TRANSIT

Air Quality Code:

NA

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Delco Lead Safe Haven Storage and Re-inspection	SECT 5324			\$4.8000
Facility Project				

FY 2016 - 2019 TIP Cost: (Million) \$179.694

PHASE SOURCE 2016 2017 2018 2019

ERC SECT 5324 \$179.694 \$179.694

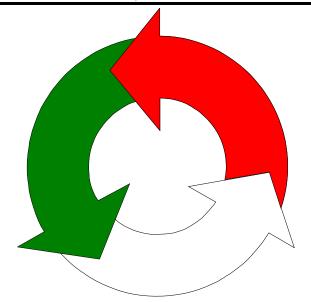
2020-2025

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

**Environmental Compliance** 

Funding is provided for compliance with environmental regulations at both bus and rail facilities 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.

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



Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

DBNUM: T16

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

NJ TRANSIT

Air Quality Code:

MT8 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$8.400

PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$2.100	\$2.100	\$2.100	\$2.100
		\$2.100	\$2.100	\$2.100	\$2.100

2020-2025
\$12.600
\$12.600

New Project Addition Revision 2 As of 2/17/2017

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Ferry Program

**DBNUM**: T700

This program provides funding for the Ferry 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 region.

Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

Transit Enhancement

Sponsor:

NJ TRANSIT

Air Quality Code:

MT3 (exempt)

FY 2016 - 2019 TIP Cost: (Million) \$12.000

PHASE	SOURCE	2016	2017	2018	2019
CAP	SEC 5307		\$12.000		
			\$12.000		

2020-2025

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New Project Addition Revision 1 As of 8/11/2016

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Ferry Program

**DBNUM**: T700

This program provides funding for the Ferry 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 region.

Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Enhancement** 

Sponsor:

NJ TRANSIT

Air Quality Code:

MT3 (exempt)

FY 2016 - 2019 TIP Cost: (Million) \$6.000

PHASE	SOURCE	2016	2017	2018	2019
CAP	SEC 5307	\$6.000			
		\$6.000			

## **NJTPA**

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Hoboken Long Slip Flood Protection Project

Funding is provided to reduce the risk of flooding to Hoboken Rail Yard and the City by filling the deteriorated "Long Slip" inlet inside the rail yard. This project would also improve disaster response and recovery by constructing new elevated tracks and ADA-accessible boarding on the filled area. The elevated position of these tracks and platforms will permit rapid recovery of commuter rail services to and from Hoboken Yard and its associated Hudson Bergen Light Rail {HBLR}, Port Authority Trans-Hudson (PATH), and ferry service. It will allow continued passenger service while the yard is being decommissioned in preparation of a major storm, and again as the yard is being restored for passenger operation after the storm. 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:

MT8 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Hoboken Long Slip Flood ProtectHoboken Long	SECT 5324			\$0.0000
Slin Flood Protection Project				

FY 2016 - 2019 TIP Cost: (Million) \$146.548

PHASE SOURCE 2016 2017 2018 2019

ERC SECT 5324 \$7.950 \$138.598 \$7.950 \$138.598

2020-2025

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Hoboken Long Slip Flood Protection Project

Funding is provided to reduce the risk of flooding to Hoboken Rail Yard and the City by filling the deteriorated "Long Slip" inlet inside the rail yard. This project would also improve disaster response and recovery by constructing new elevated tracks and ADA-accessible boarding on the filled area. The elevated position of these tracks and platforms will permit rapid recovery of commuter rail services to and from Hoboken Yard and its associated Hudson Bergen Light Rail {HBLR}, Port Authority Trans-Hudson (PATH), and ferry service. It will allow continued passenger service while the yard is being decommissioned in preparation of a major storm, and again as the yard is being restored for passenger operation after the storm. 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:

MT8 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Hoboken Long Slip Flood ProtectHoboken Long	SECT 5324			\$0.0000
Slin Flood Protection Project				

FY 2016 - 2019 TIP Cost: (Million) \$146.548

	(								
PHASE	SOURCE	2016	2017	2018	2019				
ERC	SECT 5324	\$146.548							
		\$146.548							

2020-2025	,

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Hoboken Long Slip Flood Protection Project

Funding is provided to build the Delco Lead Safe Haven Storage and Re-Inspection Facility. The Delco Lead project is located in North Brunswick Township and the City of New Brunswick along the Northeast Corridor (NEC) rail line adjacent to the Conrail "Delco Secondary". The Safe Haven Storage will provide resilient storage that will protect equipment against damage resulting from a storm by accommodating the storage of approximately 150 electrified rail passenger cars. Combining this with the reconfiguration and improvement of the existing long freight track, storage of another 260 plus passenger rail cars may be possible. Also included in this project is the addition of a facility for rolling stock inspection and smaller repairs. The service and inspection facility will facilitate the rapid return of equipment to service following a storm event.

The source of the local funding is the State Transportation Trust Fund (TTF) in the amount of \$61,497,970. The STIP ID is DB#-T44, NEC Improvements. The \$61,497,970 includes \$30,000,000 of unspent funding appropriated in SFY14 and prior years for NJ TRANSIT's "NEC Improvements" program. In addition, NJ TRANSIT is allocating \$31,497,970 from the "NEC Improvements" program from the SFY15-24 Constrained Capital Program; including \$18,000,000 in SFY15, \$10,000,000 in SFY16 and \$3,497,970 in SFY17.





Counties:

Various

**Municipalities:** 

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

RCIS Category:

**Transit Preservation** 

Sponsor:

NJ TRANSIT

Air Quality Code:

MT8 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Hoboken Long Slip Flood ProtectHoboken Long	SECT 5324			\$0.0000
Slip Flood Protection Project				

FY 2016 - 2019 TIP Cost: (Million) \$146.548

PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5324	\$146.548			
		\$146.548			

2020-2025

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Hoboken Long Slip Flood Protection Project

Funding is provided to build the Delco Lead Safe Haven Storage and Re-Inspection Facility. The Delco Lead project is located in North Brunswick Township and the City of New Brunswick along the Northeast Corridor (NEC) rail line adjacent to the Conrail "Delco Secondary". The Safe Haven Storage will provide resilient storage that will protect equipment against damage resulting from a storm by accommodating the storage of approximately 150 electrified rail passenger cars. Combining this with the reconfiguration and improvement of the existing long freight track, storage of another 260 plus passenger rail cars may be possible. Also included in this project is the addition of a facility for rolling stock inspection and smaller repairs. The service and inspection facility will facilitate the rapid return of equipment to service following a storm event.

The source of the local funding is the State Transportation Trust Fund (TTF) in the amount of \$61,497,970. The STIP ID is DB#-T44, NEC Improvements. The \$61,497,970 includes \$30,000,000 of unspent funding appropriated in SFY14 and prior years for NJ TRANSIT's "NEC Improvements" program. In addition, NJ TRANSIT is allocating \$31,497,970 from the "NEC Improvements" program from the SFY15-24 Constrained Capital Program; including \$18,000,000 in SFY15, \$10,000,000 in SFY16 and \$3,497,970 in SFY17.





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

**DBNUM:** T908

Mass Transit Assets

RCIS Category:

**Transit Preservation** 

Sponsor:

NJ TRANSIT

Air Quality Code:

MT8 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Hoboken Long Slip Flood ProtectHoboken Long	SECT 5324			\$2.1000
Slip Flood Protection Project				

FY 2016 - 2019 TIP Cost: (Million) \$144.448

	1 1 2 1 0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1								
PHASE	SOURCE	2016	2017	2018	2019				
ERC	SECT 5324	\$144.448							
		\$144.448							

2020-2025

## **NJTPA**

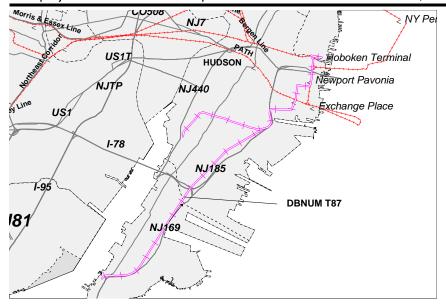
## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Hudson-Bergen and Newark LRT System

Funding is provided for annual Hudson-Bergen Capital Asset Replacement improvements, and other improvements along the Hudson-Bergen and Newark Light Rail Line, including rolling stock enhancements.

Improvements to the Hudson Bergen Light Rail (HBLR) system include the Route 440 Extension, which will improve access to the Hackensack River Waterfront area by extending the light rail system at West Side Avenue Station.

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



Counties:

Hudson

Municipalities:

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

Transit Expansion

Sponsor:

NJ TRANSIT

Air Quality Code:

MT1 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Hudson-Bergen LRT System	CMAQ		\$0.0000	\$0.0000

FY 2016 - 2019 TIP Cost: (Million) \$96.020

PHASE	SOURCE	2016	2017	2018	2019
PE	DEMO		\$2.000	\$4.000	\$2.000
ERC	CMAQ		\$60.000		
ERC	STATE	\$7.005	\$7.005	\$7.005	\$7.005
	-	\$7.005	\$69.005	\$11.005	\$9.005

Unconstrained Information

2020-2025
\$42.030
\$42.030

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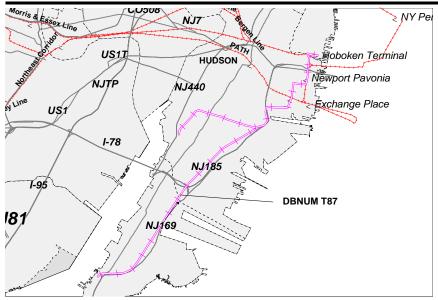
## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Hudson-Bergen and Newark LRT System

Funding is provided for annual Hudson-Bergen Capital Asset Replacement improvements, and other improvements along the Hudson-Bergen and Newark Light Rail Line, including rolling stock enhancements.

Improvements to the Hudson Bergen Light Rail (HBLR) system include the Route 440 Extension, which will improve access to the Hackensack River Waterfront area by extending the light rail system at West Side Avenue Station.

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



#### Counties:

Hudson

#### Municipalities:

Various

#### NJ Transit CIS Category:

Mass Transit Assets

#### **RCIS Category:**

Transit Expansion

#### Sponsor:

NJ TRANSIT

#### Air Quality Code:

MT1 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Hudson-Bergen LRT System	CMAQ		\$0.0000	\$0.0000

### FY 2016 - 2019 TIP Cost: (Million) \$96.020

PHASE	SOURCE	2016	2017	2018	2019
PE	DEMO		\$2.000	\$4.000	\$2.000
ERC	CMAQ	\$13.000	\$47.000		
ERC	STATE	\$7.005	\$7.005	\$7.005	\$7.005
		\$20.005	\$56.005	\$11.005	\$9.005

2020-2025
\$42.030
\$42.030

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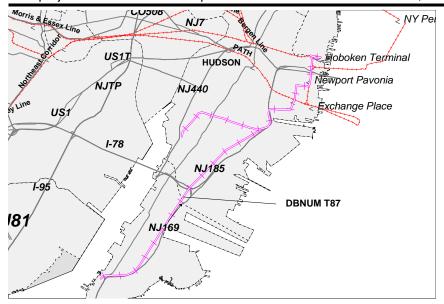
# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Hudson-Bergen and Newark LRT System

Funding is provided for annual Hudson-Bergen Capital Asset Replacement improvements, and other improvements along the Hudson-Bergen and Newark Light Rail Line, including rolling stock enhancements.

Improvements to the Hudson Bergen Light Rail (HBLR) system include the Route 440 Extension, which will improve access to the Hackensack River Waterfront area by extending the light rail system at West Side Avenue Station.

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



Counties:

Hudson

Municipalities:

Various

NJ Transit CIS Category:

Mass Transit Assets

**RCIS Category:** 

Transit Expansion

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT1 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Hudson-Bergen LRT System	CMAQ		\$0.0000	\$0.0000

FY 2016 - 2019 TIP Cost: (Million) \$96.020

PHASE	SOURCE	2016	2017	2018	2019
PE	DEMO		\$2.000	\$4.000	\$2.000
ERC	CMAQ	\$60.000			
ERC	STATE	\$7.005	\$7.005	\$7.005	\$7.005
		\$67.005	\$9.005	\$11.005	\$9.005

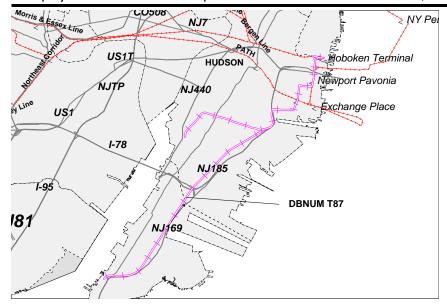
2020-2025
\$42.030
\$42.030

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Hudson-Bergen and Newark LRT System

Funding is provided for annual Hudson-Bergen Capital Asset Replacement improvements, and other improvements along the Hudson-Bergen and Newark Light Rail Line, including rolling stock enhancements.

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



Counties:

Hudson

Municipalities:

Various

**NJ Transit CIS Category:** 

**DBNUM:** T87

Mass Transit Assets

**RCIS Category:** 

**Transit Expansion** 

Sponsor:

**NJ TRANSIT** 

**Air Quality Code:** 

MT1 (Exempt)

Unobligated Prior Year Funding:
Hudson-Bergen LRT System

**Fund** CMAQ FY 2013

FY 2014

FY 2015

\$0.0000
Unconstrained

Information

\$0.0000

FY 2016 - 2019 TIP Cost: (Million) \$88.020

		'	- , ,		
PHASE	SOURCE	2016	2017	2018	2019
ERC	CMAQ	\$60.000			
ERC	STATE	\$7.005	\$7.005	\$7.005	\$7.005
		\$67.005	\$7.005	\$7.005	\$7.005

2020-2025
\$42.030
\$42.030

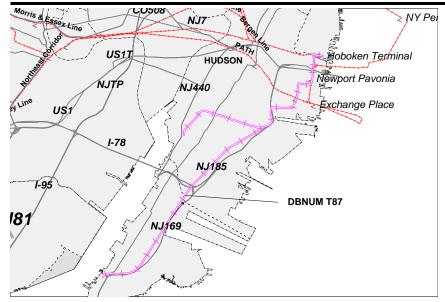
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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Hudson-Bergen and Newark LRT System

Funding is provided for annual Hudson-Bergen Capital Asset Replacement improvements, and other improvements along the Hudson-Bergen and Newark Light Rail Line, including rolling stock enhancements.

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



Counties:

Hudson

Municipalities:

Various

**NJ Transit CIS Category:** 

**DBNUM:** T87

Mass Transit Assets

**RCIS Category:** 

**Transit Expansion** 

Sponsor:

NJ TRANSIT

Air Quality Code:

MT1 (Exempt)

Unobligated Prior Year Funding:

Fund

FY 2013

FY 2014

FY 2015

Hudson-Bergen LRT System

CMAQ

\$47.0000
Unconstrained

\$13.0000

FY 2016 - 2019 TIP Cost: (Million) \$28.020

PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$7.005	\$7.005	\$7.005	\$7.005
		\$7.005	\$7.005	\$7.005	\$7.005

2020-2025
\$42.030
\$42.030

Information

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Immediate Action Program

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.

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





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

DBNUM: T20

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

NJ TRANSIT

**Air Quality Code:** 

S12 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$30.782

PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$6.166	\$6.668	\$8.890	\$9.058
		\$6.166	\$6.668	\$8.890	\$9.058

2020-2025
\$59.731
\$59.731

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Interoperational Communications Resiliency

Funding is provided for upgrades to telecommunications systems and facilities to ensure critical personnel have the ability to communicate and have the necessary command and control capabilities during future storms, and service recovery period following storms, including upgrades to NJ TRANSIT's police capabilities.





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

DBNUM: T905

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT6 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Interoperational Communications Resiliency	SECT 5324	\$30.0000		

FY 2016 - 2019 TIP Cost: (Million) \$0.000

PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5324				

2020-2025

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Job Access and Reverse Commute Program

Funding is provided to continue the Job Access and Reverse Commute (JARC) program with non-federal funds. Moving Ahead for Progress in the 21st Century (MAP-21) eliminated the requirement for dedicated Federal funding for JARC.





**Counties:** 

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

**DBNUM:** T199

Local System Support

**RCIS Category:** 

Transit Expansion

Sponsor:

**NJ TRANSIT** 

**Air Quality Code:** 

MT1, O10c (Exempt)

**Est. Total Project Cost:** 

(Million) \$70.177

FY 2016 - 2019 TIP Cost: (Million) \$25.648

PHASE	SOURCE	2016	2017	2018	2019
SWI	MATCH	\$3.010	\$3.010	\$3.010	\$3.010
SWI	OPER	\$4.578	\$3.010	\$3.010	\$3.010
•	-	\$7.588	\$6.020	\$6.020	\$6.020

2020-2025
\$18.060
\$18.060
\$36.120

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

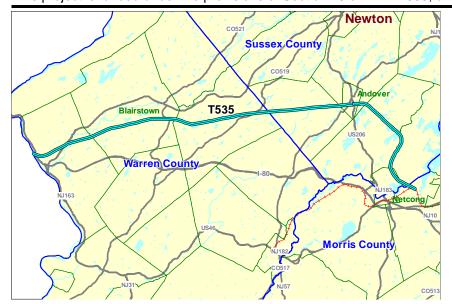
Lackawanna Cutoff MOS Project

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.

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



#### Counties:

Morris Sussex Warren

#### Municipalities:

Various

#### **NJ Transit CIS Category:**

DBNUM: T535

Congestion Relief

#### **RCIS Category:**

Transit Expansion

#### Sponsor:

**NJ TRANSIT** 

#### Air Quality Code:

2020M (Non-Exempt)

## Est. Total Project Cost:

(Million) \$167.158

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Lackawanna Cutoff MOS Project	SECT 5307	\$2,2000	\$1.7100	\$13.0000

FY 2016 - 2019 TIP Cost: (Million) \$0.000

		,	, .		
PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE				

2020-2025

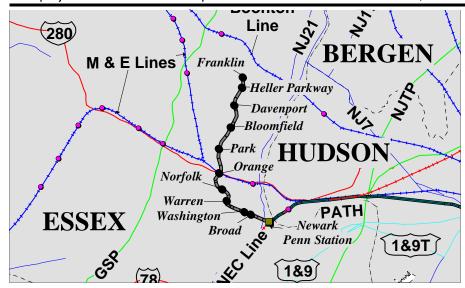
# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Light Rail Infrastructure Improvements

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. Funding is also provided for NLR Infrastructure and River Line capital asset replacement.

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:

**Newark City** 

**NJ Transit CIS Category:** 

DBNUM: T95

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

NJ TRANSIT

Air Quality Code:

MT9 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$24.550

PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$9.025	\$5.275	\$5.275	\$4.975
		\$9.025	\$5.275	\$5.275	\$4.975

2020-2025
\$29.850
\$29.850

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Light Rail Resiliency

Funding is provided to improve the resiliency of Hudson Bergen Light Rail and Newark City Subway. Newark Light Rail was flooded at Penn Station during Superstorm Sandy, and Hudson Bergen Light Rail experienced washouts, downed catenary and debris throughout. Resiliency projects include raising substations, improving drainage, installing pumps and other flood mitigations. Funding is also provided for resiliency of ferry facilities adjacent to Light Rail at Hoboken Terminal.





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

DBNUM: T904

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT6, MT8 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Light Rail Resiliency	SECT 5324	\$13.4400		

FY 2016 - 2019 TIP Cost: (Million) \$0.000

PHASE SOURCE	2016	2017	2018	2019
ERC SECT 5324				

2020-2025

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Light Rail Vehicle Rolling Stock

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.

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





**Counties:** 

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

DBNUM: T550

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

NJ TRANSIT

Air Quality Code:

MT10 (Exempt)

Est. Total Project Cost: (Million) \$4,408.373

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Light Rail Vehicle Rolling Stock	SECT 5307		\$27.7350	\$1.5400

FY 2016 - 2019 TIP Cost: (Million) \$43.421

			<u>, , , </u>		
PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5307	\$43.421			
		\$43.421			

2020-2025

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Locomotive Overhaul

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

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



Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

DBNUM: T53E

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT3 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$60.123

PHASE	SOURCE	2016	2017	2018	2019
CAP	STATE	\$23.697	\$27.022	\$4.702	\$4.702
		\$23.697	\$27.022	\$4.702	\$4.702

2020-2025
\$28.208
\$28.208

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

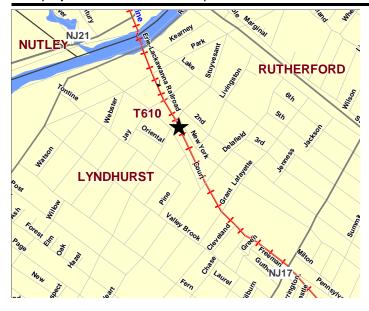
Lyndhurst Intermodal ADA Improvements

**DBNUM:** T610

Funding is provided for the Lyndhurst 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.

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)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Lyndhurst Improvements	SECT 5307	\$2.0000		
	SECT 5307- TAP		\$2.0000	\$2.0000
	STP-TAP		\$0.5000	

FY 2016 - 2019 TIP Cost: (Million) \$9.000

		•			
PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5307-TAP	\$2.000	\$2.000	\$2.000	
ERC	STATE	\$2.000	\$1.000		
		\$4.000	\$3.000	\$2.000	

2020-2025	

New Project Addition Revision 1 As of 12/19/2016

**DBNUM**: T912

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Maplewood Substation Resiliency

This project is in response to Superstorm Sandy. It involves flood mitigation of elements and ancillary equipment that are susceptible to flooding at the Maplewood Electric Traction (ET) Substation. The Maplewood ET substation is adjacent to the East Branch Rahway River, and during flood events the water flows through the ballast and under the substation, causing subsidence to the supporting soil and substation foundations. This has caused repeated damage to electrical components and has interrupted service. The substation will be reconfigured, and repairs made (soil stabilization, subsurface drainage, culvert extension, etc.) to protect the components from future storm damage.

Counties:

Essex

Municipalities:

Maplewood

**NJ Transit CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

NJ TRANSIT

Air Quality Code:

FY 2016 - 2019 TIP Cost: (Million) \$1.300

PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5307		\$1.300		
			\$1.300		

2020-2025

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Meadows Maintenance Complex (MMC)/Rail Operations Center (ROC)
Resiliency

flood walls, berms, spare parts solutions, hardening of the ROC and/or relocation of the facility.

Funding is provided to improve the resiliency of the Meadows Maintenance Complex and NJ TRANSIT's Rail Operations Center, Kearny, NJ. The MMC is NJ TRANSIT's primary maintenance facility, and the adjacent Rail Operations Center controls NJ TRANSIT's entire network. While the yard will be evacuated for future storms, the MMC and ROC buildings and shops must weather future storms in place. Potential resiliency projects include

DBNUM: T901

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:

MT8 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Meadows Maintenance Complex (MMC)/Rail	SECT 5324	\$31.6000		
Operations Center (ROC) Resiliency				

FY 2016 - 2019 TIP Cost: (Million) \$0.000

Information 2020-2025

Unconstrained

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

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.

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:

O10b (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$1.400

		•			
PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$.350	\$.350	\$.350	\$.350
-		\$.350	\$.350	\$.350	\$.350

2020-2025
\$2.100
\$2.100

### **NJTPA**

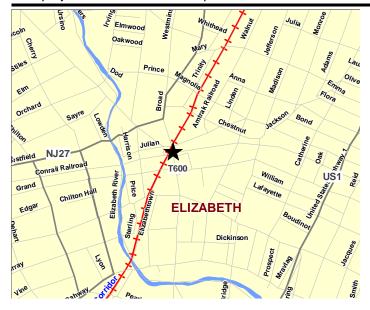
## **Transportation Improvement Program Fiscal Years 2016 - 2019**

NEC Elizabeth Intermodal Station Improvements

Funding is provided for the reconstruction of the passenger platforms and station building at Elizabeth Rail 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.

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) \$110.000

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
NEC Elizabeth Rail Station Improvements	SECT 5307	\$0.0000	\$3.5840	\$0.3500
	SECT 5339/5307			\$5.9200

FY 2016 - 2019 TIP Cost: (Million) \$31.865

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PHASE	SOURCE	2016	2017	2018	2019
CAP	S5310	\$2.000			
ERC	SECT 5307	\$6.275	\$9.915		
ERC	SECT 5339/5307	\$8.175	\$5.500		
		\$16.450	\$15.415		

2020-2025

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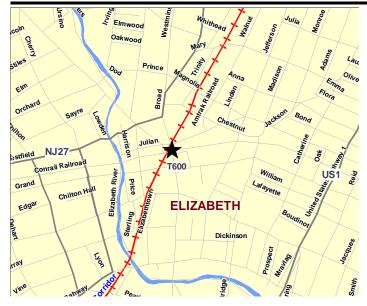
## **Transportation Improvement Program Fiscal Years 2016 - 2019**

NEC Elizabeth Intermodal Station Improvements

Funding is provided for the reconstruction of the passenger platforms and station building at Elizabeth Rail 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.

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:** 

DBNUM: T600

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT8 (Exempt)

Est. Total Project Cost:

(Million) \$110.000

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
NEC Elizabeth Rail Station Improvements	SECT 5307	\$2.0000	\$11.4990	\$0.3500
	SECT 5339/5307			\$5.9200

FY 2016 - 2019 TIP Cost: (Million) \$19.950

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PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5307	\$6.275			
ERC	SECT 5339/5307	\$8.175	\$5.500		
1		\$14.450	\$5.500		

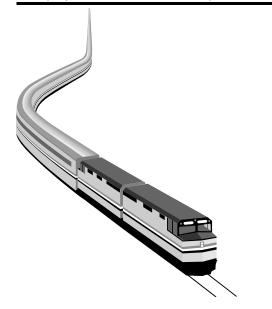
2020-2025

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

**NEC Improvements** 

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.

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



Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

DBNUM: T44

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT9 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$341.725

PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5307	\$13.000	\$13.000		
ERC	STATE	\$27.300	\$64.280	\$118.710	\$105.435
		\$40.300	\$77.280	\$118.710	\$105.435

2020-2025
\$26.000
\$627.684
\$653.684

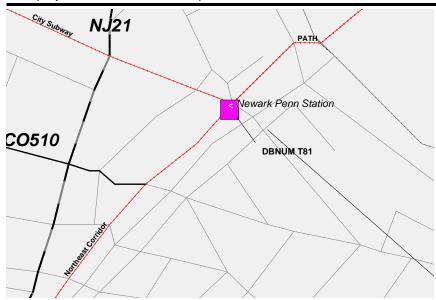
## **Transportation Improvement Program Fiscal Years 2016 - 2019**

**NEC Newark Intermodal** 

Funding is provided for Newark Intermodal projects, including historic restoration, structural rehabilitation and lighting improvements, customer facility improvements, pedestrian and traffic circulation improvements, and any related track and rail infrastructure work. These improvements will make the station more functional, attractive and more customer friendly. Improvements will allow for continued increase in ridership using Newark Penn Station and have clean air and economic benefits. Improvements to the Newark Light Rail are also included.

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:

Essex

#### Municipalities:

Newark City

#### **NJ Transit CIS Category:**

DBNUM: T81

Mass Transit Assets

#### RCIS Category:

Transit Preservation

#### Sponsor:

**NJ TRANSIT** 

#### Air Quality Code:

MT8 (Exempt)

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Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
NEC Newark Intermodal	SECT 5307		\$3.2960	\$0.9500
	STP-TAP			\$0.5000

### FY 2016 - 2019 TIP Cost: (Million) \$32.958

		,	Ψ,		
PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5307	\$.579	\$.240	\$17.538	
ERC	SECT 5307-TAP				\$2.000
ERC	SECT 5339/5307	\$1.901	\$7.700		
ERC	STATE				
ERC	STP-TAP	\$.500	\$.500	\$1.000	\$1.000
	-	\$2.980	\$8.440	\$18.538	\$3.000

2020-2025
\$12.000
\$26.400
\$6.000
\$44.400

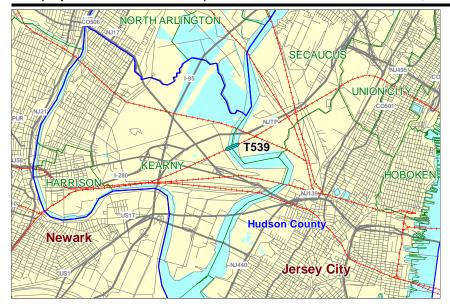
## **NJTPA**

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

**NEC Portal Bridge** 

This project involves expansion of rail capacity on the Northeast Corridor across the Hackensack River in the vicinity of the existing Portal Bridge. The Portal Bridge is an almost 100-year-old, two-track, moveable swingspan rail bridge over the Hackensack River in New Jersey between the cities of Kearny and Secaucus. The project will evaluate alternatives including replacement, rehabilitation or modification of the existing bridge along with the construction of an additional bridge for added capacity.

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



#### Counties:

Hudson

#### Municipalities:

Kearny Town Secaucus

#### **NJ Transit CIS Category:**

Mass Transit Assets

#### **RCIS Category:**

**Transit Preservation** 

#### Sponsor:

NJ TRANSIT

#### Air Quality Code:

2020NM (Non-Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$20.000

		, , , , , ,	, <del>,</del> ,		
PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$4.000			
ERC	TIGER - FRA	\$16.000			
		\$20.000			

2020-	2025

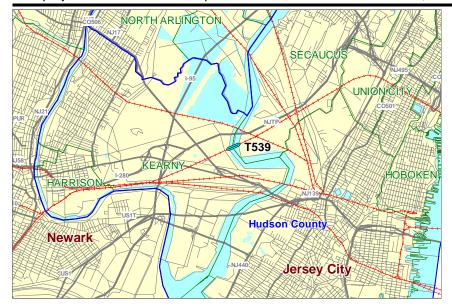
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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

**NEC Portal Bridge** 

This project involves expansion of rail capacity on the Northeast Corridor across the Hackensack River in the vicinity of the existing Portal Bridge. The Portal Bridge is an almost 100-year-old, two-track, moveable swingspan rail bridge over the Hackensack River in New Jersey between the cities of Kearny and Secaucus. The project will evaluate alternatives including replacement, rehabilitation or modification of the existing bridge along with the construction of an additional bridge for added capacity.

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



Counties:

Hudson

Municipalities:

Kearny Town Secaucus

**NJ Transit CIS Category:** 

DBNUM: T539

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

2020NM (Non-Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$4.000

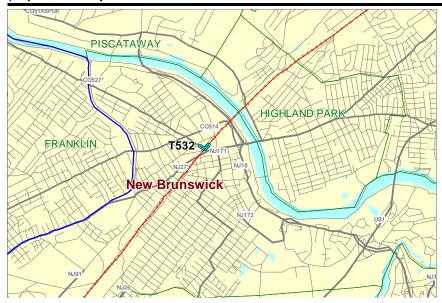
		'	- , ,		
PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$4.000			
		\$4.000			

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

New Brunswick Station Intermodal Improvements (Liberty Corridor) DBNUM: T532

This project will involve a series of capital improvements at the New Brunswick Station on the Northeast Corridor Line that will enhance current station functionality and will help support long-term development of the station as a regional multi-modal hub. Project elements include improved pedestrian safety, new static and dynamic signage, a new eastbound elevator, and upgrades to existing vertical transportation facilities. The funding source for this project is Liberty Corridor funds.



Counties:

Middlesex

Municipalities:

New Brunswick

**NJ Transit CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT8 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$9.891

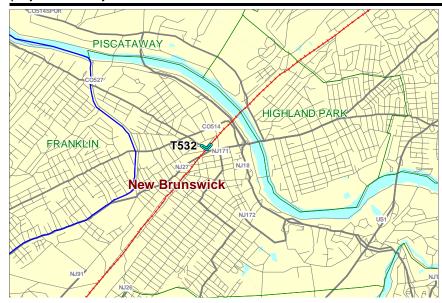
		•			
PHASE	SOURCE	2016	2017	2018	2019
CAP	DEMO		\$2.500		
CAP	SECT 5339	\$7.391			
		\$7.391	\$2.500		

2020-2025

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

New Brunswick Station Intermodal Improvements (Liberty Corridor) DBNUM: T532

This project will involve a series of capital improvements at the New Brunswick Station on the Northeast Corridor Line that will enhance current station functionality and will help support long-term development of the station as a regional multi-modal hub. Project elements include improved pedestrian safety, new static and dynamic signage, a new eastbound elevator, and upgrades to existing vertical transportation facilities. The funding source for this project is Liberty Corridor funds.



Counties:

Middlesex

Municipalities:

New Brunswick

**NJ Transit CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT8 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$7.391

			, ·		
PHASE	SOURCE	2016	2017	2018	2019
CAP	SECT 5339	\$7.391			
		\$7.391			

2020-2025

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

New CMAQ Bus and Rail Services

This program provides funds for new and experimental CMAQ-funded transit services. For FY 2016, 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 train services on the North Jersey Coast Line that are extended to operate to/from Bay Head.

It is anticipated that funds will be added to support continuation of these services in FY 2017.





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

Transit Expansion

Sponsor:

NJ TRANSIT

Air Quality Code:

FY 2016 - 2019 TIP Cost: (Million) \$6.043

SOURCE 2016 2017 2018 2019

**ERC CMAQ NJTPA** \$.960 **ERC** CMAQ/5307 \$5.083 \$5.083 \$.960

**Unconstrained** Information

2020-2025

**PHASE** 

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

New CMAQ Bus and Rail Services

This program provides funds for new and experimental CMAQ-funded transit services. For FY 2016, 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 train services on the North Jersey Coast Line that are extended to operate to/from Bay Head.

It is anticipated that funds will be added to support continuation of these services in FY 2017.





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

Transit Expansion

Sponsor:

NJ TRANSIT

Air Quality Code:

FY 2016 - 2019 TIP Cost: (Million) \$5.083

PHASE	SOURCE	2016	2017	2018	2019
ERC	CMAQ/5307	\$5.083			
		\$5.083			

2020-2025

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

New CMAQ Bus and Rail Services

This program provides funds for new and experimental CMAQ-funded transit services. For FY 2016, 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 train services on the North Jersey Coast Line that are extended to operate to/from Bay Head.

It is anticipated that funds will be added to support continuation of these services in FY 2017.





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

**RCIS Category:** 

Transit Expansion

Sponsor:

NJ TRANSIT

Air Quality Code:

FY 2016 - 2019 TIP Cost: (Million) \$0.960

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PHASE	SOURCE	2016	2017	2018	2019
ERC	CMAQ/5307	\$.960			
		\$.960			

2020-2025

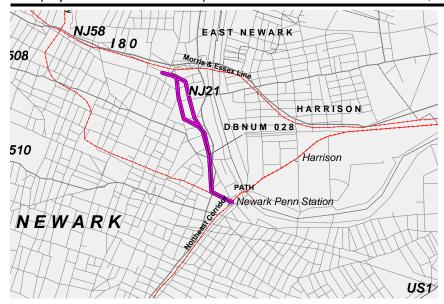
## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Newark Light Rail Improvements

Funding is provided for Newark Light Rail improvements to passenger facilities and infrastructure including, but not limited to, station and platform upgrades, communication systems upgrade, accessibility improvements, vehicle and facility improvements, and other infrastructure rehabilitation 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.

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



Counties:

Essex

Municipalities:

Newark City

**NJ Transit CIS Category:** 

DBNUM: T28

Mass Transit Assets

**RCIS Category:** 

Transit Expansion

Sponsor:

NJ TRANSIT

Air Quality Code:

MT3, MT6, MT8 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$27.200

PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5339/5307			\$13.600	\$13.600
				\$13.600	\$13.600

2020-2025
\$54.400
\$54.400

New Project Addition Revision 1 As of 12/19/2016

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

**Newark Penn Station Protection** 

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:

Essex

Municipalities:

Newark City

**NJ Transit CIS Category:** 

**DBNUM**: T913

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

FY 2016 - 2019 TIP Cost: (Million) \$1.700

PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5307		\$1.700		
			\$1.700		

2020-2025

#### **NJTPA**

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

NJ TRANSIT Grid Project

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 Fund (TTF) in the amount \$144,616,890. The STIP ID is DB#-T50, Signals and Communications/Electric Traction Systems program (S&C Program). The TTF component includes \$45,000,000 of unspent funding appropriated in SFY14 and prior years for NJ TRANSIT's from the S&C Program. In addition, NJ TRANSIT is allocating \$99,616,890 from the SFY15-24 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.





**Counties:** 

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

RCIS Category:

**Transit Preservation** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT6 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
NJ TRANSIT Grid Project	SECT 5324			\$0.0000

FY 2016 - 2019 TIP Cost: (Million) \$409.765

 PHASE
 SOURCE
 2016
 2017
 2018
 2019

 ERC
 SECT 5324
 \$409.765
 \$409.765

20	20-2025

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

NJ TRANSIT Grid Project

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).

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Counties:

Various

**Municipalities:** 

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

RCIS Category:

**Transit Preservation** 

Sponsor:

NJ TRANSIT

Air Quality Code:

MT6 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
NJ TRANSIT Grid Project	SECT 5324			\$0.0000

FY 2016 - 2019 TIP Cost: (Million) \$409.765

PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5324	\$50.632	\$359.133		
		\$50.632	\$359.133		

	2020-2025
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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

NJ TRANSIT Grid Project

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 Fund (TTF) in the amount \$144,616,890. The STIP ID is DB#-T50, Signals and Communications/Electric Traction Systems program (S&C Program). The TTF component includes \$45,000,000 of unspent funding appropriated in SFY14 and prior years for NJ TRANSIT's from the S&C Program. In addition, NJ TRANSIT is allocating \$99,616,890 from the SFY15-24 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.





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

**DBNUM**: T910

Mass Transit Assets

RCIS Category:

**Transit Preservation** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT6 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
NJ TRANSIT Grid Project	SECT 5324			\$1.3000

FY 2016 - 2019 TIP Cost: (Million) \$408.465

PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5324	\$15.300	\$393.165		
		\$15.300	\$393.165		

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#### **NJTPA**

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

NJ TRANSIT Raritan River Drawbridge Replacement Project

Funding is provided to replace the aged and deteriorated Raritan River Drawbridge located in Middlesex County on the North Jersey Coast line (NJCL). The Raritan River Drawbridge was damaged by Superstorm Sandy. The drawbridge will be replaced with a more resilient structure that is less vulnerable to storm surge and flooding, thus enhancing the reliability of the NJCL.

The source of the local funding is the State Transportation Trust Fund (TTF) in the amount of \$148,720,822. The STIP ID is DB#-T05, Bridge and Tunnel Rehabilitation program. The \$148,720,822 from the "Bridge and Tunnel Rehabilitation" program is from the SFY15-24 Constrained Capital Program; including \$4,750,000 in SFY15, \$5,000,000 in SFY16, \$5,000,000 in SFY17, \$5,000,000 in SFY18, \$70,887,000 in SFY19 and \$58,083,822 in SFY20.





Counties:

Various

**Municipalities:** 

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

RCIS Category:

Transit Preservation

Sponsor:

NJ TRANSIT

Air Quality Code:

O9 (Exempt)

Unobligated Prior Year Funding: Fund FY 2013 FY 2014

NJ TRANSIT Raritan River Drawbridge SECT 5324

Replacement Project

FY 2016 - 2019 TIP Cost: (Million) \$446.312

PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5324		\$446.312		
			\$446.312		

Unconstrained Information

FY 2015

\$0.0000

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

NJ TRANSIT Raritan River Drawbridge Replacement Project

**DBNUM**: T909

Funding is provided to replace the aged and deteriorated Raritan River Drawbridge located in Middlesex County on the North Jersey Coast line (NJCL). The Raritan River Drawbridge was damaged by Superstorm Sandy. The drawbridge will be replaced with a more resilient structure that is less vulnerable to storm surge and flooding, thus enhancing the reliability of the NJCL.

The source of the local funding is the State Transportation Trust Fund (TTF) in the amount of \$148,720,822. The STIP ID is DB#-T05, Bridge and Tunnel Rehabilitation program. The \$148,720,822 from the "Bridge and Tunnel Rehabilitation" program is from the SFY15-24 Constrained Capital Program; including \$4,750,000 in SFY15, \$5,000,000 in SFY16, \$5,000,000 in SFY17, \$5,000,000 in SFY18, \$70,887,000 in SFY19 and \$58,083,822 in SFY20.





Counties:

Various

**Municipalities:** 

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

RCIS Category:

Transit Preservation

Sponsor:

NJ TRANSIT

Air Quality Code:

O9 (Exempt)

Unobligated Prior Year Funding: Fund FY 2013 FY 2014 FY 2015

NJ TRANSIT Raritan River Drawbridge SECT 5324 \$0.0000

Replacement Project

FY 2016 - 2019 TIP Cost: (Million) \$446.312

PHASE SOURCE 2016 2017 2018 2019

ERC SECT 5324 \$446.312 \$446.312

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

NJ TRANSIT Raritan River Drawbridge Replacement Project

Funding is provided to replace the aged and deteriorated Raritan River Drawbridge located in Middlesex County on the North Jersey Coast line (NJCL). The Raritan River Drawbridge was damaged by Superstorm Sandy. The drawbridge will be replaced with a more resilient structure that is less vulnerable to storm surge and flooding, thus enhancing the reliability of the NJCL.

The source of the local funding is the State Transportation Trust Fund (TTF) in the amount of \$148,720,822. The STIP ID is DB#-T05, Bridge and Tunnel Rehabilitation program. The \$148,720,822 from the "Bridge and Tunnel Rehabilitation" program is from the SFY15-24 Constrained Capital Program; including \$4,750,000 in SFY15, \$5,000,000 in SFY16, \$5,000,000 in SFY17, \$5,000,000 in SFY18, \$70,887,000 in SFY19 and \$58,083,822 in SFY20.





Counties:

Various

**Municipalities:** 

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

RCIS Category:

Transit Preservation

Sponsor:

NJ TRANSIT

Air Quality Code:

O9 (Exempt)

Unobligated Prior Year Funding:FundFY 2013FY 2014FY 2015NJ TRANSIT Raritan River DrawbridgeSECT 5324\$1.6500Replacement Project

FY 2016 - 2019 TIP Cost: (Million) \$446.312

	1 1 2010 - 2013 TH COSt. (MIIIIOH) \$4-40.312						
PHASE	SOURCE	2016	2017	2018	2019		
ERC	SECT 5324	\$446.312					
		\$446.312					

2020-2025

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

NJ TRANSIT Raritan River Drawbridge Replacement Project

Funding is provided to replace the aged and deteriorated Raritan River Drawbridge located in Middlesex County on the North Jersey Coast line (NJCL). The Raritan River Drawbridge was damaged by Superstorm Sandy. The drawbridge will be replaced with a more resilient structure that is less vulnerable to storm surge and flooding, thus enhancing the reliability of the NJCL.

The source of the local funding is the State Transportation Trust Fund (TTF) in the amount of \$148,720,822. The STIP ID is DB#-T05, Bridge and Tunnel Rehabilitation program. The \$148,720,822 from the "Bridge and Tunnel Rehabilitation" program is from the SFY15-24 Constrained Capital Program; including \$4,750,000 in SFY15, \$5,000,000 in SFY16, \$5,000,000 in SFY17, \$5,000,000 in SFY18, \$70,887,000 in SFY19 and \$58,083,822 in SFY20.





Counties:

Various

**Municipalities:** 

Various

**NJ Transit CIS Category:** 

**DBNUM**: T909

Mass Transit Assets

RCIS Category:

Transit Preservation

Sponsor:

NJ TRANSIT

Air Quality Code:

O9 (Exempt)

Unobligated Prior Year Funding:FundFY 2013FY 2014FY 2015NJ TRANSIT Raritan River DrawbridgeSECT 5324\$1.6500Replacement Project

FY 2016 - 2019 TIP Cost: (Million) \$444.662

 PHASE
 SOURCE
 2016
 2017
 2018
 2019

 ERC
 SECT 5324
 \$444.662
 \$444.662

Unconstrained
Information

2020-2025	
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### **NJTPA**

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

NJ TRANSIT System Repairs/Restoration

Funding is provided to operate and restore NJ TRANSIT's rail, bus, light rail and ferry systems, including costs for substitute service that was provided when rail service was unavailable. NJ TRANSIT's system was heavily damaged by Superstorm Sandy, experiencing washouts, bridge damage, facility impacts, and rolling stock damage. Funding is provided to reimburse NJ TRANSIT for costs already incurred and future costs to repair damage.

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:

O9 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
NJ TRANSIT System Repairs/Restoration	SECT 5324	\$0.0000		

FY 2016 - 2019 TIP Cost: (Million) \$148.858

PHASE	SOURCE	2016	2017	2018	2019
EC	SECT 5324		\$27.560		
ERC	SECT 5324	\$8.420	\$112.878		
		\$8.420	\$140.438		

2020-2025		

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

NJ TRANSIT System Repairs/Restoration

Funding is provided to operate and restore NJ TRANSIT's rail, bus, light rail and ferry systems, including costs for substitute service that was provided when rail service was unavailable. NJ TRANSIT's system was heavily damaged by Superstorm Sandy, experiencing washouts, bridge damage, facility impacts, and rolling stock damage. Funding is provided to reimburse NJ TRANSIT for costs already incurred and future costs to repair damage.

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:

O9 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
NJ TRANSIT System Repairs/Restoration	SECT 5324	\$0.0000		

FY 2016 - 2019 TIP Cost: (Million) \$46.026

 PHASE
 SOURCE
 2016
 2017
 2018
 2019

 EC
 SECT 5324
 \$27.560
 \$27.560

 ERC
 SECT 5324
 \$8.420
 \$10.046

 \$8.420
 \$37.606
 \$37.606

2020-2025

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

NJ TRANSIT System Repairs/Restoration

Funding is provided to operate and restore NJ TRANSIT's rail, bus, light rail and ferry systems, including costs for substitute service that was provided when rail service was unavailable. NJ TRANSIT's system was heavily damaged by Superstorm Sandy, experiencing washouts, bridge damage, facility impacts, and rolling stock damage. Funding is provided to reimburse NJ TRANSIT for costs already incurred and future costs to repair damage.

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:

O9 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
NJ TRANSIT System Repairs/Restoration	SECT 5324	\$0.0000		

FY 2016 - 2019 TIP Cost: (Million) \$46.026

 PHASE
 SOURCE
 2016
 2017
 2018
 2019

 EC
 SECT 5324
 \$27.560
 \$18.466

 ERC
 SECT 5324
 \$18.466
 \$46.026

2020-2025

#### THIS PAGE HAS BEEN REPLACED BY NJTPA **REVISION 3**

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

NJ TRANSIT System Repairs/Restoration

Funding is provided to operate and restore NJ TRANSIT's rail, bus, light rail and ferry systems, including costs for substitute service that was provided when rail service was unavailable. NJ TRANSIT's system was heavily damaged by Superstorm Sandy, experiencing washouts, bridge damage, facility impacts, and rolling stock damage. Funding is provided to reimburse NJ TRANSIT for costs already incurred and future costs to repair damage.

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:

DBNUM: T906

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

NJ TRANSIT

Air Quality Code:

O9 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
NJ TRANSIT System Repairs/Restoration	SECT 5324	\$119.0230		

FY 2016 - 2019 TIP Cost: (Million) \$0.000

PHASE SOURCE	2016	2017	2018	2019
ERC SECT 5324				

2020-2025

### **NJTPA**

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Other Rail Station/Terminal Improvements

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 - systemwide, and STARS 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 Enhancement

Sponsor:

NJ TRANSIT

**Air Quality Code:** 

MT8 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$42.796

PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5339		\$3.657		
ERC	STATE	\$20.310	\$8.618	\$7.599	\$2.612
		\$20.310	\$12.275	\$7.599	\$2.612

Unconstrained Information

2020-2025
\$76.974
\$76.974

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Other Rail Station/Terminal Improvements

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 - systemwide, and STARS 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:** 

DBNUM: T55

Mass Transit Assets

**RCIS Category:** 

Transit Enhancement

Sponsor:

NJ TRANSIT

**Air Quality Code:** 

MT8 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$70.154

		(	, ,		
PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$20.310	\$7.460	\$2.612	\$39.772
		\$20.310	\$7.460	\$2.612	\$39.772

2020-2025
\$238.628
\$238.628

#### **NJTPA**

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Passaic Bergen Passenger Service Restoration Project

The purpose of this effort is to prepare a federally-compliant technical update and assessment of passenger transportation options between Hawthorne, NJ and Hackensack, NJ. The work will consider a range of options including modal alternatives, options for station locations and the potential of current and future transit friendly land uses to augment ridership. The intended outcome is to identify the most viable transportation plan to serve the communities between Hawthorne and Hackensack. The effort will also include additional analysis of extending the corridor eastward to interface in North Bergen with either the proposed Northern Branch project and/or operating to Tonnelle Avenue, the northern terminus of the Hudson-Bergen Light Rail system, where passengers would transfer.





**Counties:** 

Passaic Bergen Hudson

Municipalities:

Various

**NJ Transit CIS Category:** 

Congestion Relief

RCIS Category:

Transit Enhancement

Sponsor:

NJ TRANSIT

Air Quality Code:

O10a (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$1.000

 PHASE
 SOURCE
 2016
 2017
 2018
 2019

 PLS
 DEMO
 \$1.000
 \$1.000

2020-2025

New Project Addition Revision 2 As of 7/19/2017

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Passaic Bus Terminal

The purpose of the project is to relocate the Passaic Bus Terminal, constructing a new facility on Main Avenue in the City of Passaic. This project will ease traffic flow and improve bus operations, passenger convenience and schedule adherence in a dense urban area with high usage of NJT bus services. The current Passaic Bus Terminal was constructed in the 1960s and is outmoded and in need of replacement.

Counties:

**Passaic** 

Municipalities:

Passaic City

**NJ Transit CIS Category:** 

DBNUM: T541

Mass Transit Assets

**RCIS Category:** 

**Transit Enhancement** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

R6 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$5.157

		\	- , ,	=	
PHASE	SOURCE	2016	2017	2018	2019
EC	DEMO		\$2.500		
EC	SECT 5339		\$2.657		
			\$5.157		

2020-2025

# THIS PAGE HAS BEEN REPLACED BY REVISION 2

New Project Addition Revision 1 As of 2/3/2017

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Passaic Bus Terminal

The purpose of the project is to relocate the Passaic Bus Terminal, constructing a new facility on Main Avenue in the City of Passaic. This project will ease traffic flow and improve bus operations, passenger convenience and schedule adherence in a dense urban area with high usage of NJT bus services. The current Passaic Bus Terminal was constructed in the 1960s and is outmoded and in need of replacement.

**Counties:** 

**Passaic** 

Municipalities:

Passaic City

**NJ Transit CIS Category:** 

DBNUM: T541

Mass Transit Assets

**RCIS Category:** 

**Transit Enhancement** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

R6 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$2.500

PHASE	SOURCE	2016	2017	2018	2019	20
EC	DEMO		\$2.500			
			\$2.500			

20	20-	2025	;

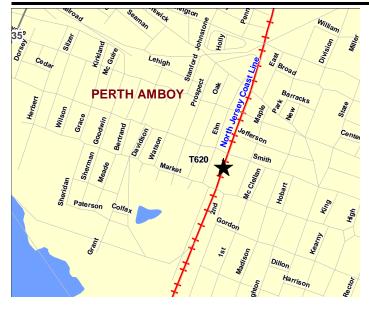
# **Transportation Improvement Program Fiscal Years 2016 - 2019**

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)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Perth Amboy Station Improvements	SECT 5307	\$6.0480	\$4.7520	\$3.4100
	SECT 5339/5307			\$4.7000
	STP-TAP		\$0.5000	\$0.5000

FY 2016 - 2019 TIP Cost: (Million) \$9.607

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PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5307	\$2.298	\$2.710		
ERC	SECT 5339/5307	\$3.125			
ERC	STATE	\$.383	\$.091		
ERC	STP-TAP	\$.500	\$.500		
		\$6.306	\$3.301		

I	2020-2025

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

**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 facilities.

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





**Counties:** 

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

Transportation Support Facilities

**RCIS Category:** 

Transit Preservation

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT4 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$4.684

PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$1.171	\$1.171	\$1.171	\$1.171
		\$1.171	\$1.171	\$1.171	\$1.171

2020-2025	
\$7.022	
\$7.022	

### **NJTPA**

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Preventive Maintenance-Bus

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)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Preventive Maintenance-Bus	SECT 5307			\$41.8240
	STP			\$33.5000
	STP-NJ			\$20.0000

#### FY 2016 - 2019 TIP Cost: (Million) \$409.757

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PHASE	SOURCE	2016	2017	2018	2019
CAP	SECT 5307	\$82.093	\$89.570	\$81.306	\$78.506
CAP	STP	\$18.282			
CAP	STP-NJ	\$20.000	\$20.000	\$20.000	
		\$120.375	\$109.570	\$101.306	\$78.506

2020-2025
\$505.507
\$505.507

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Preventive Maintenance-Bus

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:** 

**DBNUM**: T135

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

NJ TRANSIT

Air Quality Code:

MT3 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Preventive Maintenance-Bus	SECT 5307			\$68.5100
	STP			\$33.5000
	STP-NJ			\$20.0000

#### FY 2016 - 2019 TIP Cost: (Million) \$383.071

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PHASE	SOURCE	2016	2017	2018	2019
CAP	SECT 5307	\$55.407	\$89.570	\$81.306	\$78.506
CAP	STP	\$18.282			
CAP	STP-NJ	\$20.000	\$20.000	\$20.000	
<u> </u>		\$93.689	\$109.570	\$101.306	\$78.506

2020-2025
\$505.507
\$505.507

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Preventive Maintenance-Bus

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:** 

DBNUM: T135

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT3 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Preventive Maintenance-Bus	SECT 5307			\$68.5100
	STP			\$33.5000
	STP-NJ			\$20.0000

#### FY 2016 - 2019 TIP Cost: (Million) \$393.029

PHASE	SOURCE	2016	2017	2018	2019
CAP	SECT 5307	\$55.407	\$89.570	\$81.306	\$78.506
CAP	STP	\$28.240			
CAP	STP-NJ	\$20.000	\$20.000	\$20.000	
	-	\$103.647	\$109.570	\$101.306	\$78.506

2020-2025
\$505.507
\$505.507

### **NJTPA**

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Preventive Maintenance-Rail

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. 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)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Preventive Maintenance-Rail	SECT 5307			\$70.4000
	SECT 5337			\$138.7000
	STP			\$49.0000
	STP-NJ			\$50.5000

## FY 2016 - 2019 TIP Cost: (Million) \$1056.956

PHASE	SOURCE	2016	2017	2018	2019
CAP	SECT 5307	\$8.911	\$114.599	\$74.340	\$74.288
CAP	SECT 5337	\$145.850	\$145.850	\$138.700	\$138.700
CAP	STP		\$64.218		
CAP	STP-NJ	\$50.500	\$50.500	\$50.500	
	-	\$205.261	\$375.167	\$263.540	\$212.988

2020-2025
\$374.219
\$846.506
·
\$1220.725

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Preventive Maintenance-Rail

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. In addition, expenditures are for costs of projects in specific years only.





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

DBNUM: T39

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

NJ TRANSIT

Air Quality Code:

MT3 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Preventive Maintenance-Rail	SECT 5307			\$70.4000
	SECT 5337			\$138.7000
	STP			\$49.0000
	STP-NJ			\$50.5000

FY 2016 - 2019 TIP Cost: (Million) \$1056.956

PHASE	SOURCE	2016	2017	2018	2019
CAP	SECT 5307	\$43.400	\$80.110	\$74.340	\$74.288
CAP	SECT 5337	\$145.850	\$145.850	\$138.700	\$138.700
CAP	STP	\$64.218			
CAP	STP-NJ	\$50.500	\$50.500	\$50.500	
	-	\$303.968	\$276.460	\$263.540	\$212.988

2020-2025
\$374.219
\$846.506
\$1220.725

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Preventive Maintenance-Rail

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. In addition, expenditures are for costs of projects in specific years only.





#### Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

DBNUM: T39

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT3 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Preventive Maintenance-Rail	SECT 5307			\$70.4000
	SECT 5337			\$138.7000
	STP			\$49.0000
	STP-NJ			\$50.5000

## FY 2016 - 2019 TIP Cost: (Million) \$1046.998

PHASE	SOURCE	2016	2017	2018	2019
CAP	SECT 5307	\$43.400	\$80.110	\$74.340	\$74.288
CAP	SECT 5337	\$145.850	\$145.850	\$138.700	\$138.700
CAP	STP	\$54.260			
CAP	STP-NJ	\$50.500	\$50.500	\$50.500	
		\$294.010	\$276.460	\$263.540	\$212.988

2020-2025
\$374.219
\$846.506
\$1220.725

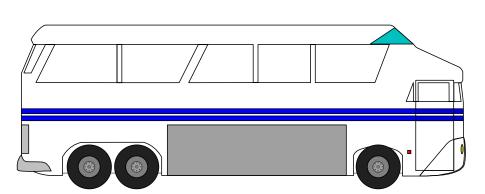
# **Transportation Improvement Program Fiscal Years 2016 - 2019**

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:

MT10 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$12.000

			ү		
PHASE	SOURCE	2016	2017	2018	2019
CAP	STATE	\$3.000	\$3.000	\$3.000	\$3.000
		\$3.000	\$3.000	\$3.000	\$3.000

Unconstrained Information

2020-2025
\$18.000
\$18.000

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Rail Capital Maintenance

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:** 

DBNUM: T34

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT3 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$59.362

PHASE	SOURCE	2016	2017	2018	2019
CAP	STATE				\$59.362
					\$59.362

2020-2025	
\$356.174	
\$356.174	

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Rail Fleet Overhaul

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.

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



Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

**DBNUM: T53G** 

Mass Transit Assets

**RCIS Category:** 

**Transit Preservation** 

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT3 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$26.808

PHASE	SOURCE	2016	2017	2018	2019
CAP	CMAQ				
CAP	STATE	\$11.011	\$.930	\$13.937	\$.930
	-	\$11.011	\$.930	\$13.937	\$.930

Unconstrained Information

2020-2025
\$130.000
\$317.756
\$447.756

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Rail Infrastructure Resiliency

Funding is provided to make NJ TRANSIT's rail stations and adjacent yards and tracks more resilient to future storms. Hoboken Terminal/Yard and Secaucus Junction were impacted by Superstorm Sandy, as were other stations throughout NJ TRANSIT's system. Funding is provided for flood mitigation at those locations, including the potential filling of Long Slip in Hoboken Yard, constructing flood walls, flood proofing, and improving stormwater detention systems. Funding is provided for improvements to crew quarters in Bayhead, Hoboken and other locations to ensure the availability of crews post-storms. Funding is also provided for rail stations resiliency system-wide.

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:** 

DBNUM: T903

Mass Transit Assets

RCIS Category:

Transit Preservation

Sponsor:

NJ TRANSIT

Air Quality Code:

MT6, MT8, MT9 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Rail Infrastructure Resiliency	SECT 5324	\$78.6100		

FY 2016 - 2019 TIP Cost: (Million) \$0.000

PHASE SOURCE 2016 2017 2018 2019

ERC SECT 5324

Information
2020-2025

Unconstrained

## **NJTPA**

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Rail Rolling Stock Procurement

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".

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:

MT3 (Exempt)

Est. Total Project Cost: (Million) \$1,266.319

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Rail Rolling Stock Procurement	CMAQ			\$0.0000
	SECT 5307			\$60.8100

#### FY 2016 - 2019 TIP Cost: (Million) \$556.888

PHASE	SOURCE	2016	2017	2018	2019
CAP	CMAQ		\$190.000	\$75.000	\$75.000
CAP	SECT 5307	\$53.580	\$32.331	\$44.238	\$44.193
CAP	STATE	\$12.020	\$10.136	\$11.505	\$8.884
		\$65.600	\$232.468	\$130.743	\$128.077

2020-2025
\$305.000
\$242.811
\$95.960
\$643.771

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Rail Rolling Stock Procurement

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".

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:

MT3 (Exempt)

Est. Total Project Cost: (Million) \$1,266.319

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Rail Rolling Stock Procurement	CMAQ			\$0.0000
	SECT 5307			\$60.8100

#### FY 2016 - 2019 TIP Cost: (Million) \$550.888

PHASE	SOURCE	2016	2017	2018	2019
CAP	CMAQ	\$19.000	\$165.000	\$75.000	\$75.000
CAP	SECT 5307	\$53.580	\$32.331	\$44.238	\$44.193
CAP	STATE	\$12.020	\$10.136	\$11.505	\$8.884
		\$84.600	\$207.468	\$130.743	\$128.077

2020-2025
\$305.000
\$242.811
\$95.960
\$643.771

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Rail Rolling Stock Procurement

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".

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:

MT3 (Exempt)

Est. Total Project Cost: (Million) \$1,266.319

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Rail Rolling Stock Procurement	CMAQ			\$0.0000
	SECT 5307			\$60.8100

### FY 2016 - 2019 TIP Cost: (Million) \$550.888

PHASE	SOURCE	2016	2017	2018	2019
CAP	CMAQ	\$106.000	\$78.000	\$75.000	\$75.000
CAP	SECT 5307	\$53.580	\$32.331	\$44.238	\$44.193
CAP	STATE	\$12.020	\$10.136	\$11.505	\$8.884
		\$171.600	\$120.468	\$130.743	\$128.077

2020-2025
\$305.000
\$242.811
\$95.960
\$643.771

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# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Rail Rolling Stock Procurement

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.

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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:

MT3 (Exempt)

Est. Total Project Cost: (Million) \$1,266.319

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Rail Rolling Stock Procurement	CMAQ			\$0.0000
	SECT 5307			\$60.8100

#### FY 2016 - 2019 TIP Cost: (Million) \$550.888

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PHASE	SOURCE	2016	2017	2018	2019
CAP	CMAQ	\$109.000	\$75.000	\$75.000	\$75.000
CAP	SECT 5307	\$53.580	\$32.331	\$44.238	\$44.193
CAP	STATE	\$12.020	\$10.136	\$11.505	\$8.884
	-	\$174.600	\$117.468	\$130.743	\$128.077

2020-2025
\$305.000
\$242.811
\$95.960
\$643.771

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Rail Rolling Stock Procurement

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.

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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:

MT3 (Exempt)

Est. Total Project Cost: (Million) \$1,266.319

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Rail Rolling Stock Procurement	CMAQ			\$0.0000
	SECT 5307			\$60.8100

#### FY 2016 - 2019 TIP Cost: (Million) \$528.888

PHASE	SOURCE	2016	2017	2018	2019
CAP	CMAQ	\$87.000	\$75.000	\$75.000	\$75.000
CAP	SECT 5307	\$53.580	\$32.331	\$44.238	\$44.193
CAP	STATE	\$12.020	\$10.136	\$11.505	\$8.884
		\$152.600	\$117.468	\$130.743	\$128.077

2020-2025
\$305.000
\$242.811
\$95.960
\$643.771

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Rail Rolling Stock Procurement

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.

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



#### Counties:

Various

#### Municipalities:

Various

#### NJ Transit CIS Category:

DBNUM: T112

Mass Transit Assets

#### **RCIS Category:**

**Transit Preservation** 

#### Sponsor:

**NJ TRANSIT** 

#### Air Quality Code:

MT3 (Exempt)

Est. Total Project Cost: (Million) \$1,266.319

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Rail Rolling Stock Procurement	CMAQ			\$37.0000
	SECT 5307			\$60.8100

#### FY 2016 - 2019 TIP Cost: (Million) \$491.888

PHASE	SOURCE	2016	2017	2018	2019
CAP	CMAQ	\$50.000	\$75.000	\$75.000	\$75.000
CAP	SECT 5307	\$53.580	\$32.331	\$44.238	\$44.193
CAP	STATE	\$12.020	\$10.136	\$11.505	\$8.884
		\$115.600	\$117.468	\$130.743	\$128.077

2020-2025
\$305.000
\$242.811
\$95.960
\$643.771

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Rail Rolling Stock Resiliency

Funding is provided for Rail Rolling Stock Resiliency projects. The largest two yards in the State of New Jersey available to NJ TRANSIT - Meadows Maintenance Complex and Hoboken Yard - have experienced severe flooding, and will require evacuation in future impending storms. Funding is provided to construct or purchase/lease temporary and permanent yard locations, re-inspection facilities and access tracks. Potential project elements include new or upgraded yards in Linden and New Brunswick, and Westbound Waterfront Connection to improve the ability to evacuate trains from the yards to the Northeast Corridor. Funding is also provided for yard resiliency projects system-wide and emergent storage. Near term improvements also include the Garwood Industrial Track.





Counties:

Various

Municipalities:

Various

NJ Transit CIS Category:

**DBNUM**: T900

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

NJ TRANSIT

Air Quality Code:

MT8, MT9 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Rail Rolling Stock Resiliency	SECT 5324	\$7.0000		

FY 2016 - 2019 TIP Cost: (Million) \$0.000

PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5324				

2020-2025

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Rail Station Resiliency

Funding is provided to make NJ TRANSIT's rail stations and adjacent yards and tracks more resilient to future storms. Hoboken Terminal/Yard and Secaucus Junction were impacted by Superstorm Sandy, as were other stations throughout NJ TRANSIT's system. Funding is provided for flood mitigation at those locations, including the potential filling of Long Slip in Hoboken Yard, constructing flood walls, flood proofing, and improving stormwater detention systems. Funding is provided for improvements to crew quarters in Bayhead, Hoboken and other locations to ensure the availability of crews post-storms. Funding is also provided for rail stations resiliency system-wide.

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:** 

DBNUM: T902

Mass Transit Assets

RCIS Category:

Transit Preservation

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT8 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Rail Station Resiliency	SECT 5324	\$21.2780		

FY 2016 - 2019 TIP Cost: (Million) \$0.000

PHASE SOURCE 2016 2017 2018 2019

ERC SECT 5324

2020-2025

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Rail Support Facilities and Equipment

This program provides funds for rehabilitation and construction activities for yard improvements systemwide, 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 systemwide 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.

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



#### Counties:

Various

#### Municipalities:

Various

#### **NJ Transit CIS Category:**

**DBNUM:** T37

Mass Transit Assets

#### **RCIS Category:**

Transit Preservation

#### Sponsor:

**NJ TRANSIT** 

#### Air Quality Code:

MT2 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Rail Support Facilities and Equipment	METRO- NORTH		\$0.6900	\$0.6900

#### FY 2016 - 2019 TIP Cost: (Million) \$172.406

PHASE	SOURCE	2016	2017	2018	2019
ERC	METRO-NORTH	\$.690	\$.690	\$.690	\$.690
ERC	SECT 5307				\$20.668
ERC	STATE	\$40.991	\$25.058	\$43.951	\$38.978
		\$41.681	\$25.748	\$44.641	\$60.336

2020-2025
\$4.140
\$125.223
\$180.760
\$310.123

New Project Addition Revision 1 As of 12/19/2016

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

**ROC UPS Raising** 

Sprinkler (MEPS) work necessary to accommodate and support the new UPS system.

**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

Counties:

Various

Municipalities:

Various

NJ Transit CIS Category:

Mass Transit Assets

RCIS Category:

**Transit Preservation** 

Sponsor:

NJ TRANSIT

Air Quality Code:

FY 2016 - 2019 TIP Cost: (Million) \$4.600

PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5307		\$4.600		
			\$4.600		

2020-2025

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Section 5310 Program

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.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108. MATCH funds are provided from the State.



#### Counties:

Various

#### Municipalities:

Various

#### **NJ Transit CIS Category:**

DBNUM: T150

Local System Support

#### **RCIS Category:**

Transit Enhancement

#### Sponsor:

NJ TRANSIT

#### Air Quality Code:

MT2 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Section 5310 Program	MATCH		\$2.6790	\$2.6790
	SECT 5310	\$3.3600	\$5.0400	\$5.0400

#### FY 2016 - 2019 TIP Cost: (Million) \$32.273

		•	<u>, , , , , , , , , , , , , , , , , , , </u>		
PHASE	SOURCE	2016	2017	2018	2019
CAP	MATCH	\$2.678	\$2.678	\$2.679	\$2.679
CAP	SECT 5310	\$5.040	\$5.040	\$5.040	\$5.040
CAP	STATE	\$.700	\$.700		
		\$8.418	\$8.418	\$7.719	\$7.719

2020-2025
\$16.070
\$30.240
\$1.400
\$47.710

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Section 5311 Program

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:**

DBNUM: T151

Local System Support

#### **RCIS Category:**

Transit Enhancement

#### Sponsor:

**NJ TRANSIT** 

#### Air Quality Code:

O10c (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Section 5311 Program	MATCH	\$4.4100	\$2.9400	\$2.9400
	SECT 5311	\$4.4100	\$2.9400	\$2.9400

#### FY 2016 - 2019 TIP Cost: (Million) \$23.520

PHASE	SOURCE	2016	2017	2018	2019
CAP	MATCH	\$2.940	\$2.940	\$2.940	\$2.940
CAP	SECT 5311	\$2.940	\$2.940	\$2.940	\$2.940
	- <del>-</del>	\$5.880	\$5.880	\$5.880	\$5.880

2020-2025
\$17.640
\$17.640
\$35.280

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Security Improvements

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.

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





**Counties:** 

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

DBNUM: T508

Mass Transit Assets

**RCIS Category:** 

Security

Sponsor:

NJ TRANSIT

Air Quality Code:

S6 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$7.320

PHASE	SOURCE	2016	2017	2018	2019
SWI	STATE	\$1.830	\$1.830	\$1.830	\$1.830
		\$1.830	\$1.830	\$1.830	\$1.830

2020-2025
\$10.974
\$10.974

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Signals and Communications/Electric Traction Systems

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.

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





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

DBNUM: T50

Mass Transit Assets

**RCIS Category:** 

Transit Preservation

Sponsor:

NJ TRANSIT

Air Quality Code:

MT6 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Signals and Communications/Electric Traction	SECT 5307	\$13.0000	\$2.0910	
Systems				

FY 2016 - 2019 TIP Cost: (Million) \$134.617

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PHASE	SOURCE	2016	2017	2018	2019		
ERC	STATE	\$47.627	\$74.017	\$2.752	\$10.221		
		\$47.627	\$74.017	\$2.752	\$10.221		

2020-2025
\$61.322
\$61.322

## **NJTPA**

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Small/Special Services Program

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.

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:

O10c (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Small/Special Services Program	CMAQ/5307	\$0.0000		
Small/Special Services Program (Local NJTPA Project)	CMAQ/5307	\$0.0000		

FY 2016 - 2019 TIP Cost: (Million) \$21.487

			Ψ-		
PHASE	SOURCE	2016	2017	2018	2019
EC	CMAQ/5307		\$2.940		
EC	STATE	\$.961	\$5.860	\$5.863	\$5.863
		\$.961	\$8.800	\$5.863	\$5.863

2020-2025
\$35.174
\$35.174

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Small/Special Services Program

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.

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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:

O10c (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Small/Special Services Program	CMAQ/5307	\$0.0000		
Small/Special Services Program (Local NJTPA	CMAQ/5307	\$0.0000		

FY 2016 - 2019 TIP Cost: (Million) \$20.548

			Ψ-	-0.0.0	
PHASE	SOURCE	2016	2017	2018	2019
CAP	CMAQ/5307	\$2.001			
EC	STATE	\$.961	\$5.860	\$5.863	\$5.863
		\$2.962	\$5.860	\$5.863	\$5.863

2020-2025
\$35.174
\$35.174

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Small/Special Services Program

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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:

O10c (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Small/Special Services Program	CMAQ/5307	\$0.0000		
Small/Special Services Program (Local NJTPA Project)	CMAQ/5307	\$0.0000		

FY 2016 - 2019 TIP Cost: (Million) \$24.398

PHASE	SOURCE	2016	2017	2018	2019
CAP	CMAQ/5307	\$5.851			
EC	STATE	\$.961	\$5.860	\$5.863	\$5.863
		\$6.812	\$5.860	\$5.863	\$5.863

2020-2025
\$35.174
\$35.174

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## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Small/Special Services Program

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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:

O10c (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Small/Special Services Program	CMAQ/5307	\$1.7000		
Small/Special Services Program (Local NJTPA Project)	CMAQ/5307	\$0.1210		

FY 2016 - 2019 TIP Cost: (Million) \$18.547

PHASE	SOURCE	2016	2017	2018	2019
EC	STATE	\$.961	\$5.860	\$5.863	\$5.863
		\$.961	\$5.860	\$5.863	\$5.863

2020-2025
\$35.174
\$35.174

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Small/Special Services Program

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.

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#### Counties:

Various

#### Municipalities:

Various

#### **NJ Transit CIS Category:**

DBNUM: T120

Local System Support

#### **RCIS Category:**

Transit Enhancement

#### Sponsor:

NJ TRANSIT

#### Air Quality Code:

O10c (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Small/Special Services Program	CMAQ/5307	\$1.7000		
Small/Special Services Program (Local NJTPA Project)	CMAQ/5307	\$1.0810		

FY 2016 - 2019 TIP Cost: (Million) \$18.547

PHASE	SOURCE	2016	2017	2018	2019
EC	STATE	\$.961	\$5.860	\$5.863	\$5.863
		\$.961	\$5.860	\$5.863	\$5.863

2020-2025
\$35.174
\$35.174

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Study and Development

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.

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





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

DBNUM: T88

Congestion Relief

**RCIS Category:** 

Overhead

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

O10a (Exempt)

**FY 20** 

16 - 2019	TIP	Cost:	(Million)	\$19.965

PHASE	SOURCE	2016	2017	2018	2019
PLS	STATE	\$9.440	\$3.511	\$3.507	\$3.507
		\$9.440	\$3.511	\$3.507	\$3.507

2020-2025
\$21.046
\$21.046

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

**Technology Improvements** 

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 systemwide, 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.

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





Counties:

Various

Municipalities:

Various

NJ Transit CIS Category:

DBNUM: T500

Mass Transit Assets

**RCIS Category:** 

Transit Enhancement

Sponsor:

**NJ TRANSIT** 

Air Quality Code:

MT5 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$68.033

		1	- , ,		
PHASE	SOURCE	2016	2017	2018	2019
EC	STATE	\$28.335	\$5.150	\$17.502	\$17.046
		\$28.335	\$5.150	\$17.502	\$17.046

2020-2025
\$109.274
\$109.274

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Track Program

DBNUM: T42

Funding is provided for an annual program of track rehabilitation including systemwide 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.

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:

MT9 (Exempt)

FY 2016 - 2019 TIP Cost: (Million) \$65.033

	1 1 2010 2010 111 000tt (IIIIII011) \$00.000					
PHASE	SOURCE	2016	2017	2018	2019	
ERC	SECT 5307			\$3.157	\$2.599	
ERC	STATE	\$16.722	\$16.722	\$12.637	\$13.196	
		\$16.722	\$16.722	\$15.794	\$15.795	

2020-2025
\$70.236
\$26.384
\$96.620

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Train Controls-Wayside Signals, Power & Communication Resiliency

**DBNUM**: T911

Funding is provided for the Train Controls infrastructure resiliency project. NJ TRANSIT's ten commuter rail lines and the light rail lines were impacted by Superstorm Sandy. This project involves rail line resiliency efforts for certain assets that are vulnerable to storm events, including critical life-safety signal and communications systems located on the Morris and Essex Line, the Pascack/Bergen Line, the Main Line and the Hudson-Bergen Light Rail Line. These lines lie in coastal and inland floodplains where storms could overtop the trackbed and potentially flood and damage critical signal, power and communications systems used to control train speed, switches and track choice, and following distances for safe operations.

The source of local funding is the State Transportation Trust Fund (TTF) in the amount of \$29,634,396. The STIP ID is DB#-T50, Signals and Communications/Electric Traction Systems. The \$29,634,396 from the Signals and Communications/Electric Traction Systems program is from the SFY15-24 Constrained Capital Program; including \$1,000,000 in SFY15, \$1,000,000 in SFY16, \$1,000,000 in SFY17, \$22,536,000 in SFY18 and \$4,098,396 in SFY19.





Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

RCIS Category:

**Transit Preservation** 

Sponsor:

NJ TRANSIT

Air Quality Code:

MT6 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Train Controls-Wayside Signals, Power & Communication Resiliency	SECT 5324			\$0.0000

FY 2016 - 2019 TIP Cost: (Million) \$88.903

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PHASE	SOURCE	2016	2017	2018	2019
ERC	SECT 5324		\$88.903		
-			\$88.903		

2020-2025

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Train Controls-Wayside Signals, Power & Communication Resiliency

**DBNUM**: T911

Funding is provided for the Train Controls infrastructure resiliency project. NJ TRANSIT's ten commuter rail lines and the light rail lines were impacted by Superstorm Sandy. This project involves rail line resiliency efforts for certain assets that are vulnerable to storm events, including critical life-safety signal and communications systems located on the Morris and Essex Line, the Pascack/Bergen Line, the Main Line and the Hudson-Bergen Light Rail Line. These lines lie in coastal and inland floodplains where storms could overtop the trackbed and potentially flood and damage critical signal, power and communications systems used to control train speed, switches and track choice, and following distances for safe operations.

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Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

RCIS Category:

Transit Preservation

Sponsor:

NJ TRANSIT

Air Quality Code:

MT6 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Train Controls-Wayside Signals, Power & Communication Resiliency	SECT 5324			\$0.0000

FY 2016 - 2019 TIP Cost: (Million) \$88.903

PHASE SOURCE 2016 2017 2018 2019

ERC SECT 5324 \$88.903 \$88.903

2020-2025

## **Transportation Improvement Program Fiscal Years 2016 - 2019**

Train Controls-Wayside Signals, Power & Communication Resiliency

**DBNUM**: T911

Funding is provided for the Train Controls infrastructure resiliency project. NJ TRANSIT's ten commuter rail lines and the light rail lines were impacted by Superstorm Sandy. This project involves rail line resiliency efforts for certain assets that are vulnerable to storm events, including critical life-safety signal and communications systems located on the Morris and Essex Line, the Pascack/Bergen Line, the Main Line and the Hudson-Bergen Light Rail Line. These lines lie in coastal and inland floodplains where storms could overtop the trackbed and potentially flood and damage critical signal, power and communications systems used to control train speed, switches and track choice, and following distances for safe operations.

The source of local funding is the State Transportation Trust Fund (TTF) in the amount of \$29,634,396. The STIP ID is DB#-T50, Signals and Communications/Electric Traction Systems. The \$29,634,396 from the Signals and Communications/Electric Traction Systems program is from the SFY15-24 Constrained Capital Program; including \$1,000,000 in SFY15, \$1,000,000 in SFY16, \$1,000,000 in SFY17, \$22,536,000 in SFY18 and \$4,098,396 in SFY19.



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Counties:

Various

Municipalities:

Various

**NJ Transit CIS Category:** 

Mass Transit Assets

RCIS Category:

Transit Preservation

Sponsor:

NJ TRANSIT

Air Quality Code:

MT6 (Exempt)

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Train Controls-Wayside Signals, Power & Communication Resiliency	SECT 5324			\$1.6000

FY 2016 - 2019 TIP Cost: (Million) \$87.303

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SOURCE	2016	2017	2018	2019		
SECT 5324	\$87.303					
-	\$87.303					

2020-2025

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

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 9030.1C., 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. 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:

O8 (Exempt)

### **Est. Total Project Cost:**

(Million) \$31.462

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Transit Enhancements	SECT 5307- TAP		\$0.4900	\$0.4900
Transportation Alternatives Program (TAP)	STP-TAP	\$1.0000		

#### FY 2016 - 2019 TIP Cost: (Million) \$2.046

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PHASE	SOURCE	2016	2017	2018	2019
CAP	SECT 5339/5307	\$.010			
ERC	SECT 5307-TAP	\$.490	\$.490	\$.490	\$.490
ERC	SECT 5339/5307		\$.076		
		\$.500	\$.566	\$.490	\$.490

2020-2025		
\$2.940		
\$2.520		
\$5.460		

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

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 9030.1C., 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. 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:

O8 (Exempt)

### **Est. Total Project Cost:**

(Million) \$31.462

Unobligated Prior Year Funding:	Fund	FY 2013	FY 2014	FY 2015
Transit Enhancements	SECT 5307- TAP		\$0.4900	\$0.4900
Transportation Alternatives Program (TAP)	STP-TAP	\$1.0000		

#### FY 2016 - 2019 TIP Cost: (Million) \$1.980

		•	, .		
PHASE	SOURCE	2016	2017	2018	2019
CAP	SECT 5339/5307	\$.010			
ERC	SECT 5307-TAP	\$.490	\$.490	\$.490	\$.490
ERC	SECT 5339/5307		\$.010		
		\$.500	\$.500	\$.490	\$.490

2020-2025		
\$2.940		
\$2.520		
\$5.460		

# **Transportation Improvement Program Fiscal Years 2016 - 2019**

Transit Rail Initiatives

This program provides funding for transit expansion projects, including 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 SAFETE/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 Wes Trenton line; River LINE LRT Capitol Extension; Second Phase of River LINE LRT/PATCO Extension; 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 systemwide, 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 complianc 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. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.





#### Counties:

Various

#### Municipalities:

Various

#### **NJ Transit CIS Category:**

**DBNUM**: T300

Congestion Relief

#### **RCIS Category:**

Transit Expansion

#### Sponsor:

NJ TRANSIT

#### Air Quality Code:

O10a, MT8 (Exempt)

**Est. Total Project Cost:** 

(Million) \$212.345

FY 2016 - 2019 TIP Cost: (Million) \$14.902

	1 1 2010 2010 11		ү		
PHASE	SOURCE	2016	2017	2018	2019
ERC	STATE	\$2.675	\$2.675	\$3.376	\$6.176
		\$2.675	\$2.675	\$3.376	\$6.176

2020-2025
\$30.054
\$30.054