

# NJTPA

## Transportation Improvement Program Fiscal Years 2018 - 2021

Concrete Sea Wall East of Harrison Car Maintenance Facility

**DBNUM:** PA1424

PANYNJ will receive funding to construct a concrete sea wall to protect PATH tracks near the Passaic River. The total eligible amount is \$ 22,421,300. The FTA share is \$ 16,815,975. The PANYNJ share is \$ 5,605,325.



**Counties:**  
Hudson

**Municipalities:**  
Harrison Town

**NJDOT CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
PANYNJ

**Air Quality Code:**  
O9 (Exempt)

**Est. Total Project Cost:**  
**(Million)** \$9.779

**FY 2018 - 2021 TIP Cost: (Million) \$10.715**

**Unconstrained Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$1.071			
CON	SECT 5324		\$9.644			
			\$10.715			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Concrete Sea Wall East of Harrison Car Maintenance Facility

**DBNUM:** PA1424

PANYNJ will receive funding to construct a concrete sea wall to protect PATH tracks near the Passaic River. The total eligible amount is \$ 22,421,300. The FTA share is \$ 16,815,975. The PANYNJ share is \$ 5,605,325.



**Counties:**

Hudson

**Municipalities:**

Harrison Town

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9 (Exempt)

**Est. Total Project Cost:**

**(Million) \$9.779**

**FY 2018 - 2021 TIP Cost: (Million) \$15.335**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$1.534			
CON	SECT 5324		\$13.801			
			\$15.335			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Concrete Sea Wall East of Harrison Car Maintenance Facility

**DBNUM:** PA1424

PANYNJ will receive funding to construct a concrete sea wall to protect PATH tracks near the Passaic River. The total eligible amount is \$ 22,421,300. The FTA share is \$ 16,815,975. The PANYNJ share is \$ 5,605,325.

**THE PORT AUTHORITY**  
**OF NY & NJ**

**Counties:**

Hudson

**Municipalities:**

Harrison Town

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9 (Exempt)

**Est. Total Project Cost:**

**(Million)** \$9.779

**FY 2018 - 2021 TIP Cost: (Million) \$9.779**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$ .978				
CON	SECT 5324	\$8.801				
		\$9.779				

# NJTPA

## Transportation Improvement Program Fiscal Years 2018 - 2021

Equipment Purchases

DBNUM: PA1421

Funding is provided for equipment purchases. The funds will be used to purchase equipment, generators, compressor plants, inventory stock components to minimize the time needed for the restoration of full service in the event of a storm similar to Sandy.



**Counties:**

Hudson Essex

**Municipalities:**

Various

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

MT10 (Exempt)

**Est. Total Project Cost:**

**(Million) \$11.500**

FY 2018 - 2021 TIP Cost: (Million) \$19.500

Unconstrained  
Information Year

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$1.150	\$0.800			
CON	SECT 5324	\$10.350	\$7.200			
		\$11.500	\$8.000			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Equipment Purchases

**DBNUM: PA1421**

Funding is provided for equipment purchases. The funds will be used to purchase equipment, generators, compressor plants, inventory stock components to minimize the restoration of full service in the event of a storm similar to Sandy.

**THE PORT AUTHORITY  
OF NY & NJ**

**Counties:**

Hudson Essex

**Municipalities:**

Various

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

MT10 (Exempt)

**Est. Total Project Cost:**

**(Million) \$11.500**

**FY 2018 - 2021 TIP Cost: (Million) \$19.500**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$1.950				
CON	SECT 5324	\$17.550				
		\$19.500				

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Equipment Purchases

**DBNUM:** PA1421

Funding is provided for equipment purchases. The funds will be used to purchase equipment, generators, compressor plants, inventory stock components to minimize the restoration of full service in the event of a storm similar to Sandy.

**THE PORT AUTHORITY  
OF NY & NJ**

**Counties:**

Hudson Essex

**Municipalities:**

Various

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

MT10 (Exempt)

**Est. Total Project Cost:**

**(Million) \$11.500**

**FY 2018 - 2021 TIP Cost: (Million) \$11.500**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$1.150				
CON	SECT 5324	\$10.350				
		\$11.500				

# NJTPA

## Transportation Improvement Program Fiscal Years 2018 - 2021

Harrison Car Maintenance Facility Automatic Flood Barrier

**DBNUM:** PA1423

PANYNJ will receive funding to construct an automated flood barrier at the Harrison Car Maintenance Facility, which was significantly damaged by Hurricane Sandy. This site is currently protected by temporary barriers. Total eligible amount is \$ 19,815,200. The FTA share is \$ 14,861,400. The PANYNJ share is \$ 4,953,800.



**Counties:**  
Hudson

**Municipalities:**  
Harrison Town

**NJDOT CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
PANYNJ

**Air Quality Code:**  
O9 (Exempt)

**Est. Total Project Cost:**  
**(Million)** \$7.384

FY 2018 - 2021 TIP Cost: (Million) \$12.004

Unconstrained Information Year

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$1.201			
CON	SECT 5324		\$10.803			
			\$12.004			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Harrison Car Maintenance Facility Automatic Flood Barrier

**DBNUM:** PA1423

PANYNJ will receive funding to construct an automated flood barrier at the Harrison Car Maintenance Facility, which was significantly damaged by Hurricane Sandy. This site is currently protected by temporary barriers. Total eligible amount is \$ 19,815,200. The FTA share is \$ 14,861,400. The PANYNJ share is \$ 4,953,800.

**THE PORT AUTHORITY  
OF NY & NJ**

**Counties:**

Hudson

**Municipalities:**

Harrison Town

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9 (Exempt)

**Est. Total Project Cost:**

**(Million) \$7.384**

**FY 2018 - 2021 TIP Cost: (Million) \$7.384**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$ .738			
CON	SECT 5324		\$6.646			
			\$7.384			



**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Harrison Car Maintenance Facility Automatic Flood Barrier

**DBNUM:** PA1423

PANYNJ will receive funding to construct an automated flood barrier at the Harrison Car Maintenance Facility, which was significantly damaged by Hurricane Sandy. This site is currently protected by temporary barriers. Total eligible amount is \$ 19,815,200. The FTA share is \$ 14,861,400. The PANYNJ share is \$ 4,953,800.



**Counties:**

Hudson

**Municipalities:**

Harrison Town

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9 (Exempt)

**Est. Total Project Cost:**

**(Million) \$7.384**

**FY 2018 - 2021 TIP Cost: (Million) \$7.384**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$ .738				
CON	SECT 5324	\$6.646				
		\$7.384				

# NJTPA

## Transportation Improvement Program Fiscal Years 2018 - 2021

Lifts

DBNUM: PA1416

Funding is provided for the replacement of the Harrison Car Maintenance Facility lift. The Harrison Car Maintenance Facility in-ground lift in the service pit which is original to the shop and suffered severe water damage.



**Counties:**

Hudson

**Municipalities:**

Hoboken City Harrison Twp  
Jersey City

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT8 (Exempt)

**Est. Total Project Cost:**

(Million) \$6.667

FY 2018 - 2021 TIP Cost: (Million) \$6.666

Unconstrained  
Information Year

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$.666			
CON	SECT 5324		\$6.000			
			\$6.666			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Lifts

**DBNUM:** PA1416

Funding is provided for the replacement of the Harrison Car Maintenance Facility lift. The Harrison Car Maintenance Facility in-ground lift in the service pit which is original to the shop and suffered severe water damage.



**Counties:**

Hudson

**Municipalities:**

Hoboken City Harrison Twp

Jersey City

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$6.667**

**FY 2018 - 2021 TIP Cost: (Million) \$6.666**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$0.527	\$0.139			
CON	SECT 5324	\$4.745	\$1.255			
		\$5.272	\$1.394			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Lifts

**DBNUM:** PA1416

Funding is provided for the replacement of the Harrison Car Maintenance Facility lift. The Harrison Car Maintenance Facility in-ground lift in the service pit which is original to the shop and suffered severe water damage.



**Counties:**

Hudson

**Municipalities:**

Hoboken City Harrison Twp

Jersey City

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$6.667**

**FY 2018 - 2021 TIP Cost: (Million) \$6.667**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$0.667				
CON	SECT 5324	\$6.000				
		\$6.667				

# NJTPA

## Transportation Improvement Program Fiscal Years 2018 - 2021

Priority Protective Measures

DBNUM: PA1410

High priority protective measures to ensure PATH is well prepared for future hurricane seasons and to provide protection to PATH facilities against flash floods and storm surges - measures to include Stop Logs, Horizontal Deck, Sand-filled Barriers, Water-filled Barriers, Watertight Doors, Pumps, Generators, and Fencing Area, and CIP Wall. This item also includes Permanent Flood Resiliency Repairs for PATH's Hoboken Station.



**Counties:**

Hudson Essex

**Municipalities:**

Hoboken City Harrison Twp  
Jersey City

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

**Est. Total Project Cost:**

(Million) Not Available

FY 2018 - 2021 TIP Cost: (Million) \$13.277

Unconstrained  
Information Year

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANY&NJ		\$1.328			
CON	SECT 5324		\$11.949			
			\$13.277			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Priority Protective Measures with Potential Environmental Impacts

**DBNUM:** PA1411

For high priority protective measures to ensure PATH is well prepared for the upcoming 2013 hurricane season and will provide protection to PATH facilities against flash floods and storm surges - measures to include: Concrete Bench (Exchange Place), Concrete Wall (West) Harrison Car Maintenance Facility, Bin Blocks (West) Harrison Car Maintenance Facility, Hesco Barrier Wall (East) Harrison Car Maintenance Facility, Concrete Wall (East) Harrison Car Maintenance Facility.



**Counties:**  
Hudson

**Municipalities:**  
Harrison Twp Jersey City

**NJDOT CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
PANYNJ

**Air Quality Code:**  
O9, MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million)** \$3.400

**FY 2018 - 2021 TIP Cost: (Million) \$1.622**

**Unconstrained Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$0.140	\$0.022			
CON	SECT 5324	\$1.260	\$0.200			
		\$1.400	\$0.222			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Priority Protective Measures with Potential Environmental Impacts

**DBNUM:** PA1411

For high priority protective measures to ensure PATH is well prepared for the upcoming 2013 hurricane season and will provide protection to PATH facilities against flash floods and storm surges - measures to include: Concrete Bench (Exchange Place), Concrete Wall (West) Harrison Car Maintenance Facility, Bin Blocks (West) Harrison Car Maintenance Facility, Hesco Barrier Wall (East) Harrison Car Maintenance Facility, Concrete Wall (East) Harrison Car Maintenance Facility.



**Counties:**

Hudson

**Municipalities:**

Harrison Twp Jersey City

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million)** \$3.400

**FY 2018 - 2021 TIP Cost: (Million) \$5.622**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$0.140	\$0.422			
CON	SECT 5324	\$1.260	\$3.800			
		\$1.400	\$4.222			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Priority Protective Measures with Potential Environmental Impacts

**DBNUM: PA1411**

For high priority protective measures to ensure PATH is well prepared for the upcoming 2013 hurricane season and will provide protection to PATH facilities against flash floods and storm surges - measures to include: Concrete Bench (Exchange Place), Concrete Wall (West) Harrison Car Maintenance Facility, Bin Blocks (West) Harrison Car Maintenance Facility, Hesco Barrier Wall (East) Harrison Car Maintenance Facility, Concrete Wall (East) Harrison Car Maintenance Facility.



**Counties:**

Hudson

**Municipalities:**

Harrison Twp Jersey City

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$3.400**

**FY 2018 - 2021 TIP Cost: (Million) \$5.622**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$0.562				
CON	SECT 5324	\$5.060				
		\$5.622				



**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Priority Protective Measures with Potential Environmental Impacts

**DBNUM:** PA1411

For high priority protective measures to ensure PATH is well prepared for the upcoming 2013 hurricane season and will provide protection to PATH facilities against flash floods and storm surges - measures to include: Concrete Bench (Exchange Place), Concrete Wall (West) Harrison Car Maintenance Facility, Bin Blocks (West) Harrison Car Maintenance Facility, Hesco Barrier Wall (East) Harrison Car Maintenance Facility, Concrete Wall (East) Harrison Car Maintenance Facility.



**Counties:**

Hudson

**Municipalities:**

Harrison Twp Jersey City

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million)** \$3.400

**FY 2018 - 2021 TIP Cost: (Million) \$3.400**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$0.334				
CON	SECT 5324	\$3.066				
		\$3.400				

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Rail Rolling Stock Resiliency

**DBNUM:** PA1420

This project will improve Rail Rolling Stock Resiliency at PATH's C-Yard. It is a continuation and expansion of work already underway in the C-Yard Stage I project. The proposed Stage II project would construct a new maintenance facility for storage and maintenance of track equipment that has been procured under the Sandy program. This facility would aid in protecting this equipment that has been purchased through FTA funding. This would also extend track added in Phase I, at elevations which are above the FEMA 100-year flood plain and meet or exceed current Port Authority Engineering guidance, further increasing lay-up space for trains needed during future storm events.



**Counties:**

Hudson

**Municipalities:**

Jersey City

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

MT8 (Exempt)

**Est. Total Project Cost:**

**(Million)** Not Available

**FY 2018 - 2021 TIP Cost: (Million) \$50.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$5.000			
CON	SECT 5324		\$45.000			
			\$50.000			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Rail Rolling Stock Resiliency

**DBNUM:** PA1420

This project will improve Rail Rolling Stock Resiliency at PATH’s C-Yard. It is a continuation and expansion of work already underway in the C-Yard Stage I project. The proposed Stage II project would construct a new maintenance facility for storage and maintenance of track equipment that has been procured under the Sandy program. This facility would aid in protecting this equipment that has been purchased through FTA funding. This would also extend track added in Phase I, at elevations which are above the FEMA 100-year flood plain and meet or exceed current Port Authority Engineering guidance, further increasing lay-up space for trains needed during future storm events.



**Counties:**

Hudson

**Municipalities:**

Jersey City

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

MT8 (Exempt)

**Est. Total Project Cost:**

**(Million)** Not Available

**FY 2018 - 2021 TIP Cost: (Million) \$50.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$5.000				
CON	SECT 5324	\$45.000				
		\$50.000				

# NJTPA

## Transportation Improvement Program Fiscal Years 2018 - 2021

Rehabilitation of PATH Stations

DBNUM: PA1711

The scope of work for this project includes the restoration of latent damage at the platform and mezzanine levels resulting from Superstorm Sandy at the Exchange Place, Grove Street, and Newport stations in Jersey City and the Hoboken Station located in Hudson County, NJ. Each station will be investigated to determine the extent of latent damage to the structural, mechanical, and electrical facilities that has occurred from Superstorm Sandy.

Architectural finishes will be restored throughout the stations and mezzanines. The item also will provide funds for the waterproofing of Newport Station.



**Counties:**  
Hudson

**Municipalities:**  
Hoboken Jersey City

**NJDOT CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
PANYNJ

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

**Est. Total Project Cost:**  
**(Million) \$5.000**

FY 2018 - 2021 TIP Cost: (Million) \$5.000

Unconstrained Information Year

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$0.500			
CON	SECT 5324		\$4.500			
			\$5.000			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Rehabilitation of PATH Stations

**DBNUM: PA1711**

The scope of work for this project includes the restoration of latent damage at the platform and mezzanine levels resulting from Superstorm Sandy at the Exchange Place, Grove Street, and Newport stations in Jersey City and the Hoboken Station located in Hudson County, NJ. Each station will be investigated to determine the extent of latent damage to the structural, mechanical, and electrical facilities that has occurred from Superstorm Sandy.

Architectural finishes will be restored throughout the stations and mezzanines. The item also will provide funds for the waterproofing of Newport Station.



**Counties:**

Hudson

**Municipalities:**

Hoboken Jersey City

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$5.000**

**FY 2018 - 2021 TIP Cost: (Million) \$5.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$500				
CON	SECT 5324	\$4.500				
		\$5.000				

# NJTPA

## Transportation Improvement Program Fiscal Years 2018 - 2021

Repairs at Harrison Car Maintenance Facility

**DBNUM:** PA1710

This item provides for the replacement of the sanitary ejector pit, the removal and replacement in-kind of all approach track infrastructure, pavement rehabilitation of three parking lots and the facility roadway, drainage improvement, minor regarding, traffic pavement marking and signage replacements which were damaged by Superstorm Sandy at the Harrison Car Maintenance Facility located in Harrison, NJ. This item also will provide for the replacement of internal electrical systems at the facility.



**Counties:**

Hudson

**Municipalities:**

Harrison

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$22.588**

**FY 2018 - 2021 TIP Cost: (Million) \$5.088**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$ .509			
CON	SECT 5324		\$4.579			
			\$5.088			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Repairs at Harrison Car Maintenance Facility

**DBNUM:** PA1710

This item provides for the replacement of the sanitary ejector pit, the removal and replacement in-kind of all approach track infrastructure, pavement rehabilitation of three parking lots and the facility roadway, drainage improvement, minor regarding, traffic pavement marking and signage replacements which were damaged by Superstorm Sandy at the Harrison Car Maintenance Facility located in Harrison, NJ. This item also will provide for the replacement of internal electrical systems at the facility.



**Counties:**

Hudson

**Municipalities:**

Harrison

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$22.588**

**FY 2018 - 2021 TIP Cost: (Million) \$22.588**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$2.259			
CON	SECT 5324		\$20.329			
			\$22.588			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Repairs at Harrison Car Maintenance Facility

**DBNUM:** PA1710

This item provides for the replacement of the sanitary ejector pit, the removal and replacement in-kind of all approach track infrastructure, pavement rehabilitation of three parking lots and the facility roadway, drainage improvement, minor regarding, traffic pavement marking and signage replacements which were damaged by Superstorm Sandy at the Harrison Car Maintenance Facility located in Harrison, NJ. This item also will provide for the replacement of internal electrical systems at the facility.



**Counties:**

Hudson

**Municipalities:**

Harrison

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$22.588**

**FY 2018 - 2021 TIP Cost: (Million) \$22.588**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$2.259				
CON	SECT 5324	\$20.329				
		\$22.588				



**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Replacement of Harrison Station South West Head House and Platform **DBNUM: PA1910**

Replace Harrison Station South West head house and platform to provide a new flood resilient head house and platform. The investment will protect the critical elements of the station from damage in the event of another major storm.

**Counties:**

Hudson

**Municipalities:**

Harrison

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Not Available

**Sponsor:**

PANYNJ

**Air Quality Code:**

**Est. Total Project Cost:**

**(Million)** Not Available

**FY 2018 - 2021 TIP Cost: (Million) \$35.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANY&NJ		\$3.500			
CON	SECT 5324		\$31.500			
			\$35.000			

# NJTPA

## Transportation Improvement Program Fiscal Years 2018 - 2021

Salt Mitigation

DBNUM: PA1412

Funding is provided for Salt Mitigation projects. Salt water infiltrated several parts of the PATH system. The impacted areas were originally washed down, but later months investigation has shown that salt water is still present and causing corrosion in many assets. The salt can only be removed with very high pressure and close proximity power washing and by chemically neutralizing it. Below are specific locations where salt water impacts are present and mitigation is necessary. Work will begin with Tunnels E & F since they experienced most damage, but other locations are expected and are under investigation. Several teams will begin a survey of the tunnels to quantify what needs to be replaced, cleaned, protected, etc. Tunnel A, Tunnel B, Tunnel E, and Tunnel F



**Counties:**  
Hudson Essex

**Municipalities:**  
Various

**NJDOT CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
PANYNJ

**Air Quality Code:**  
O9, MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$99.444**

FY 2018 - 2021 TIP Cost: (Million) \$11.722

Unconstrained Information Year

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$1.172			
CON	SECT 5324		\$10.550			
			\$11.722			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Salt Mitigation

**DBNUM:** PA1412

Funding is provided for Salt Mitigation projects. Salt water infiltrated several parts of the PATH system. The impacted areas were originally washed down, but later months investigation has shown that salt water is still present and causing corrosion in many assets. The salt can only be removed with very high pressure and close proximity power washing and by chemically neutralizing it. Below are specific locations where salt water impacts are present and mitigation is necessary. Work will begin with Tunnels E & F since they experienced most damage, but other locations are expected and are under investigation. Several teams will begin a survey of the tunnels to quantify what needs to be replaced, cleaned, protected, etc. Tunnel A, Tunnel B, Tunnel E, and Tunnel F



**Counties:**

Hudson Essex

**Municipalities:**

Various

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million)** \$99.444

**FY 2018 - 2021 TIP Cost: (Million) \$19.222**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$1.922			
CON	SECT 5324		\$17.300			
			\$19.222			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Salt Mitigation

**DBNUM:** PA1412

Funding is provided for Salt Mitigation projects. Salt water infiltrated several parts of the PATH system. The impacted areas were originally washed down, but later months investigation has shown that salt water is still present and causing corrosion in many assets. The salt can only be removed with very high pressure and close proximity power washing and by chemically neutralizing it. Below are specific locations where salt water impacts are present and mitigation is necessary. Work will begin with Tunnels E & F since they experienced most damage, but other locations are expected and are under investigation. Several teams will begin a survey of the tunnels to quantify what needs to be replaced, cleaned, protected, etc. Tunnel A, Tunnel B, Tunnel E, and Tunnel F



**Counties:**

Hudson Essex

**Municipalities:**

Various

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million)** \$99.444

**FY 2018 - 2021 TIP Cost: (Million) \$69.222**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$6.922			
CON	SECT 5324		\$62.300			
			\$69.222			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Salt Mitigation

**DBNUM:** PA1412

Funding is provided for Salt Mitigation projects. Salt water infiltrated several parts of the PATH system. The impacted areas were originally washed down, but later months investigation has shown that salt water is still present and causing corrosion in many assets. The salt can only be removed with very high pressure and close proximity power washing and by chemically neutralizing it. Below are specific locations where salt water impacts are present and mitigation is necessary. Work will begin with Tunnels E & F since they experienced most damage, but other locations are expected and are under investigation. Several teams will begin a survey of the tunnels to quantify what needs to be replaced, cleaned, protected, etc. Tunnel A, Tunnel B, Tunnel E, and Tunnel F



**Counties:**

Hudson Essex

**Municipalities:**

Various

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$99.444**

**FY 2018 - 2021 TIP Cost: (Million) \$99.444**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$9.944				
CON	SECT 5324	\$89.500				
		\$99.444				

# NJTPA

## Transportation Improvement Program Fiscal Years 2018 - 2021

Substations

DBNUM: PA1413

Replacement/Upgrades of Substations 7, 8, 9, and 14 in Hudson County. The substations provide power for the PATH system. Funding is provided for these substation replacement projects along with midterm repairs that need to be made to the affected substations. These substations were damaged by storm surges and flooding. Equipment that was damaged and not operational has been replaced or refurbished. The outdoor switchyard and building also were undermined due to the storm surge. The existing substations have reached the end of their useful life. The new substations will be constructed above the advisory flood elevation. Land acquisition is necessary in multiple locations so that the current substations can continue to operate during the construction period without any interruption to service. The projects include Substation Interim Repairs/Rehab-Renovation and Midterm Repairs and Replacement/Updates for Substations 7, 8, 9, and 14.



**Counties:**  
Hudson Essex

**Municipalities:**  
Various

**NJDOT CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
PANYNJ

**Air Quality Code:**  
O9, MT6 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$33.889**

FY 2018 - 2021 TIP Cost: (Million) \$72.056

Unconstrained Information Year

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$7.206			
CON	SECT 5324		\$64.850			
			\$72.056			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Substations

**DBNUM: PA1413**

Replacement/Upgrades of Substations 7, 8, 9, and 14 in Hudson County. The substations provide power for the PATH system. Funding is provided for these substation replacement projects along with midterm repairs that need to be made to the affected substations. These substations were damaged by storm surges and flooding. Equipment that was damaged and not operational has been replaced or refurbished. The outdoor switchyard and building also were undermined due to the storm surge. The existing substations have reached the end of their useful life. The new substations will be constructed above the advisory flood elevation. Land acquisition is necessary in multiple locations so that the current substations can continue to operate during the construction period without any interruption to service. The projects include Substation Interim Repairs/Rehab-Renovation and Midterm Repairs and Replacement/Updates for Substations 7, 8, 9, and 14.



**Counties:**

Hudson Essex

**Municipalities:**

Various

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT6 (Exempt)

**Est. Total Project Cost:**

**(Million) \$33.889**

**FY 2018 - 2021 TIP Cost: (Million) \$64.556**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$6.456			
CON	SECT 5324		\$58.100			
			\$64.556			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Substations

**DBNUM: PA1413**

Replacement/Upgrades of Substations 7, 8, 9, and 14 in Hudson County. The substations provide power for the PATH system. Funding is provided for these substation replacement projects along with midterm repairs that need to be made to the affected substations. These substations were damaged by storm surges and flooding. Equipment that was damaged and not operational has been replaced or refurbished. The outdoor switchyard and building also were undermined due to the storm surge. The existing substations have reached the end of their useful life. The new substations will be constructed above the advisory flood elevation. Land acquisition is necessary in multiple locations so that the current substations can continue to operate during the construction period without any interruption to service. The projects include Substation Interim Repairs/Rehab-Renovation and Midterm Repairs and Replacement/Updates for Substations 7, 8, 9, and 14.



**Counties:**  
Hudson Essex

**Municipalities:**  
Various

**NJDOT CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
PANYNJ

**Air Quality Code:**  
O9, MT6 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$33.889**

**FY 2018 - 2021 TIP Cost: (Million) \$63.945**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$9.445			
CON	SECT 5324		\$54.500			
			\$63.945			



**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Substations

**DBNUM: PA1413**

Replacement/Upgrades of Substations 7, 8, 9, and 14 in Hudson County. The substations provide power for the PATH system. Funding is provided for these substation replacement projects along with midterm repairs that need to be made to the affected substations. These substations were damaged by storm surges and flooding. Equipment that was damaged and not operational has been replaced or refurbished. The outdoor switchyard and building also were undermined due to the storm surge. The existing substations have reached the end of their useful life. The new substations will be constructed above the advisory flood elevation. Land acquisition is necessary in multiple locations so that the current substations can continue to operate during the construction period without any interruption to service. The projects include Substation Interim Repairs/Rehab-Renovation and Midterm Repairs and Replacement/Updates for Substations 7, 8, 9, and 14.



**Counties:**  
Hudson Essex

**Municipalities:**  
Various

**NJDOT CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
PANYNJ

**Air Quality Code:**  
O9, MT6 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$33.889**

**FY 2018 - 2021 TIP Cost: (Million) \$53.945**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$3.389	\$5.056			
CON	SECT 5324	\$30.500	\$15.000			
		\$33.889	\$20.056			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Substations

**DBNUM: PA1413**

Replacement/Upgrades of Substations 7, 8, 9, and 14 in Hudson County. The substations provide power for the PATH system. Funding is provided for these substation replacement projects along with midterm repairs that need to be made to the affected substations. These substations were damaged by storm surges and flooding. Equipment that was damaged and not operational has been replaced or refurbished. The outdoor switchyard and building also were undermined due to the storm surge. The existing substations have reached the end of their useful life. The new substations will be constructed above the advisory flood elevation. Land acquisition is necessary in multiple locations so that the current substations can continue to operate during the construction period without any interruption to service. The projects include Substation Interim Repairs/Rehab-Renovation and Midterm Repairs and Replacement/Updates for Substations 7, 8, 9, and 14.



**Counties:**  
Hudson Essex

**Municipalities:**  
Various

**NJDOT CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
PANYNJ

**Air Quality Code:**  
O9, MT6 (Exempt)

**Est. Total Project Cost:**  
**(Million) \$33.889**

**FY 2018 - 2021 TIP Cost: (Million) \$33.889**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$3.389				
CON	SECT 5324	\$30.500				
		\$33.889				

# NJTPA

## Transportation Improvement Program Fiscal Years 2018 - 2021

Trackwork Repair and Restoration

**DBNUM:** PA1419

This program element includes repair or replacement of track work, ties, welded rail, power rail, breakers, cabling, heater crossovers, drainage and related equipment within the entire PATH right of way and in stations including but not limited to Hoboken and Exchange Place Station for program elements such as but not limited to the replacement of the Hoboken under-platform fans, and the Exchange Place Pump Room projects to repair damaged infrastructure by floodwaters and related debris as well as saltwater damage.



**Counties:**

Hudson Essex

**Municipalities:**

Various

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT9 (Exempt)

**Est. Total Project Cost:**

**(Million) \$87.100**

**FY 2018 - 2021 TIP Cost: (Million) \$40.768**

**Unconstrained Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$4.077			
CON	SECT 5324		\$36.691			
			\$40.768			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Trackwork Repair and Restoration

**DBNUM:** PA1419

This program element includes repair or replacement of track work, ties, welded rail, power rail, breakers, cabling, heater crossovers, drainage and related equipment within the entire PATH right of way and in stations including but not limited to Hoboken and Exchange Place Station for program elements such as but not limited to the replacement of the Hoboken under-platform fans, and the Exchange Place Pump Room projects to repair damaged infrastructure by floodwaters and related debris as well as saltwater damage.



**Counties:**

Hudson Essex

**Municipalities:**

Various

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT9 (Exempt)

**Est. Total Project Cost:**

**(Million)** \$87.100

**FY 2018 - 2021 TIP Cost: (Million) \$58.268**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$5.827			
CON	SECT 5324		\$52.441			
			\$58.268			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Trackwork Repair and Restoration

**DBNUM:** PA1419

This program element includes repair or replacement of trackwork, ties, welded rail, power rail, breakers, cabling, heater crossovers, Hoboken Station under-platform fans, drainage and related equipment damaged by floodwaters and related debris as well as saltwater damage.

**THE PORT AUTHORITY**  
**OF NY & NJ**

**Counties:**

Hudson Essex

**Municipalities:**

Various

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT9 (Exempt)

**Est. Total Project Cost:**

**(Million)** \$87.100

**FY 2018 - 2021 TIP Cost: (Million) \$58.268**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$5.827			
CON	SECT 5324		\$52.441			
			\$58.268			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Trackwork Repair and Restoration

**DBNUM:** PA1419

This program element includes repair or replacement of trackwork, ties, welded rail, power rail, breakers, cabling, heater crossovers, Hoboken Station under-platform fans, drainage and related equipment damaged by floodwaters and related debris as well as saltwater damage.

**THE PORT AUTHORITY**  
**OF NY & NJ**

**Counties:**

Hudson Essex

**Municipalities:**

Various

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT9 (Exempt)

**Est. Total Project Cost:**

**(Million)** \$87.100

**FY 2018 - 2021 TIP Cost: (Million) \$87.096**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$4.440	\$4.266			
CON	SECT 5324	\$40.000	\$38.390			
		\$44.440	\$42.656			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Trackwork Repair and Restoration

**DBNUM:** PA1419

This program element includes repair or replacement of trackwork, ties, welded rail, power rail, breakers, cabling, heater crossovers, Hoboken Station under-platform fans, drainage and related equipment damaged by floodwaters and related debris as well as saltwater damage.

**THE PORT AUTHORITY**  
**OF NY & NJ**

**Counties:**

Hudson Essex

**Municipalities:**

Various

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT9 (Exempt)

**Est. Total Project Cost:**

**(Million)** \$87.100

**FY 2018 - 2021 TIP Cost: (Million) \$87.100**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$8.710				
CON	SECT 5324	\$78.390				
		\$87.100				

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Vertical Transportation

**DBNUM:** PA1415

Funding is provided for vertical transportation replacement projects. These replacement projects will replace the hydro ADA elevator at Hoboken, replace elevators at Harrison Car Maintenance Facility, three escalators at Exchange Place and four escalators at Newport Station. These elevators and escalators were damaged by Superstorm Sandy and need immediate repair. In the case of the Hoboken, due to the urgency of replacing the elevator, the project was started in January and will be complete in September. Hoboken, NJ; Hoboken Station, Harrison Car Maintenance Facility at Harrison, NJ, Exchange Place Station, Jersey City, NJ, Newport Station, Jersey City, NJ.



**Counties:**  
Hudson

**Municipalities:**  
Hoboken City Harrison Twp  
Jersey City

**NJDOT CIS Category:**  
Mass Transit Assets

**RCIS Category:**  
Transit Preservation

**Sponsor:**  
PANYNJ

**Air Quality Code:**  
O9, MT8 (Exempt)

**Est. Total Project Cost:**  
**(Million)** \$11.000

**FY 2018 - 2021 TIP Cost: (Million) \$14.333**

**Unconstrained Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ		\$1.433			
CON	SECT 5324		\$12.900			
			\$14.333			



**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Vertical Transportation

**DBNUM: PA1415**

Funding is provided for vertical transportation replacement projects. These replacement projects will replace the hydro ADA elevator at Hoboken, replace elevators at Harrison Car Maintenance Facility, three escalators at Exchange Place and four escalators at Newport Station. These elevators and escalators were damaged by Superstorm Sandy and need immediate repair. In the case of the Hoboken, due to the urgency of replacing the elevator, the project was started in January and will be complete in September. Hoboken, NJ; Hoboken Station, Harrison Car Maintenance Facility at Harrison, NJ, Exchange Place Station, Jersey City, NJ, Newport Station, Jersey City, NJ.



**Counties:**

Hudson

**Municipalities:**

Hoboken City Harrison Twp  
 Jersey City

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$11.000**

**FY 2018 - 2021 TIP Cost: (Million) \$14.333**

**Unconstrained  
 Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$ .600	\$ .833			
CON	SECT 5324	\$5.400	\$7.500			
		\$6.000	\$8.333			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Vertical Transportation

**DBNUM: PA1415**

Funding is provided for vertical transportation replacement projects. These replacement projects will replace the hydro ADA elevator at Hoboken, replace elevators at Harrison Car Maintenance Facility, three escalators at Exchange Place and four escalators at Newport Station. These elevators and escalators were damaged by Superstorm Sandy and need immediate repair. In the case of the Hoboken, due to the urgency of replacing the elevator, the project was started in January and will be complete in September. Hoboken, NJ; Hoboken Station, Harrison Car Maintenance Facility at Harrison, NJ, Exchange Place Station, Jersey City, NJ, Newport Station, Jersey City, NJ.



**Counties:**

Hudson

**Municipalities:**

Hoboken City Harrison Twp  
Jersey City

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$11.000**

**FY 2018 - 2021 TIP Cost: (Million) \$14.333**

**Unconstrained  
Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$1.338	\$.095			
CON	SECT 5324	\$12.042	\$.858			
		\$13.380	\$.953			

**NJTPA**

**Transportation Improvement Program Fiscal Years 2018 - 2021**

Vertical Transportation

**DBNUM: PA1415**

Funding is provided for vertical transportation replacement projects. These replacement projects will replace the hydro ADA elevator at Hoboken, replace elevators at Harrison Car Maintenance Facility, three escalators at Exchange Place and four escalators at Newport Station. These elevators and escalators were damaged by Superstorm Sandy and need immediate repair. In the case of the Hoboken, due to the urgency of replacing the elevator, the project was started in January and will be complete in September. Hoboken, NJ; Hoboken Station, Harrison Car Maintenance Facility at Harrison, NJ, Exchange Place Station, Jersey City, NJ, Newport Station, Jersey City, NJ.



**Counties:**

Hudson

**Municipalities:**

Hoboken City Harrison Twp  
 Jersey City

**NJDOT CIS Category:**

Mass Transit Assets

**RCIS Category:**

Transit Preservation

**Sponsor:**

PANYNJ

**Air Quality Code:**

O9, MT8 (Exempt)

**Est. Total Project Cost:**

**(Million) \$11.000**

**FY 2018 - 2021 TIP Cost: (Million) \$11.000**

**Unconstrained  
 Information Year**

PHASE	SOURCE	2018	2019	2020	2021	2022-2027
CON	PANYNJ	\$1.100				
CON	SECT 5324	\$9.900				
		\$11.000				