

FY 2018-2027 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
Port Authority of New York and New Jersey (PANYNJ) -
Port Authority Trans-Hudson (PATH) Project Descriptions
(\$ millions)

Concrete Sea Wall East of Harrison Car Maintenance Facility

DBNUM: PA1424 / UPC: 154090

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.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 32

MUNICIPALITY: Harrison Town

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT):

MPO	Phase	Fund	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
NJTPA	CON	PANYNJ	\$0.978										\$0.978
NJTPA	CON	SECT 5324	\$8.801										\$8.801

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Equipment Purchases

DBNUM: PA1421 / UPC: 143160

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.

COUNTY: Hudson, Essex

LEGISLATIVE DISTRICT: Various

MUNICIPALITY: Various

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT):

MPO	Phase	Fund	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
NJTPA	CON	PANYNJ						\$1.150					\$1.150
NJTPA	CON	SECT 5324						\$10.350					\$10.350

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Harrison Car Maintenance Facility Automatic Flood Barrier

DBNUM: PA1423 / UPC: 154080

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.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 32

MUNICIPALITY: Harrison Town

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT):

MPO	Phase	Fund	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
NJTPA	CON	PANYNJ					\$0.738						\$0.738
NJTPA	CON	SECT 5324					\$6.646						\$6.646

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Lifts	DBNUM: PA1416 / UPC: 143110
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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.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 33, 32, 31

MUNICIPALITY: Hoboken City, Harrison Twp, Jersey City

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT):

MPO	Phase	Fund	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
NJTPA	CON	PANYNJ	\$0.667										\$0.667
NJTPA	CON	SECT 5324	\$6.000										\$6.000

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Priority Protective Measures with Potential Environmental Impacts

DBNUM: PA1411 / UPC: 143060

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.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 32, 33, 31

MUNICIPALITY: Harrison Twp, Jersey City

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT):

MPO	Phase	Fund	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
NJTPA	CON	PANYNJ	\$0.334										\$0.334
NJTPA	CON	SECT 5324	\$3.066										\$3.066

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Salt Mitigation

DBNUM: PA1412 / UPC: 143070

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

COUNTY: Hudson, Essex

LEGISLATIVE DISTRICT: Various

MUNICIPALITY: Various

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT):

MPO	Phase	Fund	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
NJTPA	CON	PANYNJ	\$9.944										\$9.944
NJTPA	CON	SECT 5324	\$89.500										\$89.500

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Substations

DBNUM: PA1413 / UPC: 143080

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.

COUNTY: Hudson, Essex

LEGISLATIVE DISTRICT: Various

MUNICIPALITY: Various

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT):

MPO	Phase	Fund	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
NJTPA	CON	PANYNJ											\$3.389
NJTPA	CON	SECT 5324											\$30.500

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Trackwork Repair and Restoration

DBNUM: PA1419 / UPC: 143140

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.

COUNTY: Hudson, Essex

LEGISLATIVE DISTRICT: Various

MUNICIPALITY: Various

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT):

MPO	Phase	Fund	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
NJTPA	CON	PANYNJ						\$8.710					\$8.710
NJTPA	CON	SECT 5324						\$78.390					\$78.390

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Vertical Transportation

DBNUM: PA1415 / UPC: 143100

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.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 33, 32, 31

MUNICIPALITY: Hoboken City, Harrison Twp, Jersey City

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT):

MPO	Phase	Fund	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total
NJTPA	CON	PANYNJ	\$1.100										\$1.100
NJTPA	CON	SECT 5324	\$9.900										\$9.900