

**FY 2020-2029 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.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 32

MUNICIPALITY: Harrison Town

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): O9 (Exempt)

MPO	Phase	Fund	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
NJTPA	CON	PANYNJ	\$0.130										\$0.130
NJTPA	CON	SECT 5324	\$1.160										\$1.160

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<b>Lifts</b>	<b>DBNUM: PA1416 / UPC: 143110</b>
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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): O9, MT8 (Exempt)

MPO	Phase	Fund	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
NJTPA	CON	PANYNJ	\$0.111										\$0.111
NJTPA	CON	SECT 5324	\$0.997										\$0.997

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**Priority Protective Measures**

*DBNUM: PA1410 / UPC: 143050*

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.

**COUNTY:** Hudson, Essex

**LEGISLATIVE DISTRICT:** 33, 32, 31

**MUNICIPALITY:** Hoboken City, Harrison Twp, Jersey City

**SPONSOR:** PANYNJ

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** O9, MT8 (Exempt)

MPO	Phase	Fund	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
NJTPA	CON	PANYNJ											\$1.328
NJTPA	CON	SECT 5324											\$11.949

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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):** O9, MT8 (Exempt)

MPO	Phase	Fund	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
NJTPA	CON	PANYNJ	\$0.022										\$0.022
NJTPA	CON	SECT 5324	\$0.200										\$0.200

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**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.

**COUNTY:** Hudson

**LEGISLATIVE DISTRICT:** 31, 32, 33

**MUNICIPALITY:** Hoboken City, Jersey City

**SPONSOR:** PANYNJ

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** O9, MT8 (Exempt)

MPO	Phase	Fund	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
NJTPA	CON	PANYNJ	\$0.500										\$0.500
NJTPA	CON	SECT 5324	\$4.500										\$4.500

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**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.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 32

MUNICIPALITY: Harrison Town

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): O9, MT8 (Exempt)

MPO	Phase	Fund	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
NJTPA	CON	PANYNJ	\$0.537										\$0.537
NJTPA	CON	SECT 5324	\$4.829										\$4.829

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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): O9, MT8 (Exempt)

MPO	Phase	Fund	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
NJTPA	CON	PANYNJ	\$1.172										\$1.172
NJTPA	CON	SECT 5324	\$10.550										\$10.550

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**Trackwork Repair and Restoration**

*DBNUM: PA1419 / UPC: 143140*

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.

**COUNTY:** Hudson, Essex

**LEGISLATIVE DISTRICT:** Various

**MUNICIPALITY:** Various

**SPONSOR:** PANYNJ

**AIR QUALITY CODE (NON-EXEMPT/EXEMPT):** O9, MT9 (Exempt)

MPO	Phase	Fund	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
NJTPA	CON	PANYNJ											\$1.605
NJTPA	CON	SECT 5324											\$14.441

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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): O9, MT8 (Exempt)

MPO	Phase	Fund	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Total
NJTPA	CON	PANYNJ	\$0.367										\$0.367
NJTPA	CON	SECT 5324	\$3.300										\$3.300