

FY 2016-2025 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

**Port Authority of New York and New Jersey (PANYNJ) -
Port Authority Trans-Hudson (PATH) Project Descriptions**

(\$ millions)

Ductbanks	DBNUM: PA1414 / UPC: 143090
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Funding is provided for ductbank replacement projects. Replacement of the PATH Duct Bank system associated power cables in Tunnels A, Tunnel B, Tunnel E1, and Tunnel F1. The tunnels were completely flooded to the crown in some areas and the ductbanks were partially or completely submerged in salt water. The existing ductbanks were infiltrated by salt water causing them to deteriorate and due to the age of the ductbanks, salt water was able to seep in to where the cables are located. The existing ductbanks must be demolished and new ductbanks must be built in order to protect the power cables. The existing ductbanks have reached the end of their useful life and are in stages of collapse. The construction of new concrete ductbanks will provide more protection to the cables, from water and other impacts, allowing proper operation of the system.

COUNTY: Hudson, Essex

LEGISLATIVE DISTRICT: Various

MUNICIPALITY: Various

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): MT6, O9 (Exempt)

MPO	Phase	Fund	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total
NJTPA	CON	PANY-NJ	\$12.340										\$12.340
NJTPA	CON	SECT 5324	\$111.120										\$111.120

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(\$ millions)

Exchange Place, Newport Station, and Grove St. Station Head House Protection	DBNUM: PA1422 / UPC: 154070
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PANYNJ will receive funding to flood-proof major above-ground PATH facilities and equipment to prevent flooding of underground assets. These sites were flooded during Hurricane Sandy and are currently protected by temporary barriers. The total eligible amount is \$49,446,200. The FTA share is \$ 37,084,650. The PA share is \$ 12,361,550.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 31, 33

MUNICIPALITY: Jersey City

SPONSOR: PANYNJ

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

MPO	Phase	Fund	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total
NJTPA	CON	PANY-NJ											\$12.362
NJTPA	CON	SECT 5324											\$37.085

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Rail Rolling Stock Resiliency

DBNUM: PA1420 / UPC: 143150

Funding is provided for rail rolling stock resiliency. The funds will be used to purchase property in Jersey City, NJ to construct new storage track locations to store rolling stock above the advisory flood elevation.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 31

MUNICIPALITY: Jersey City

SPONSOR: PANYNJ

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

MPO	Phase	Fund	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total
NJTPA	CON	PANY-NJ	\$0.970										\$0.970
NJTPA	CON	SECT 5324	\$8.770										\$8.770

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Signals Replacement Program

DBNUM: PA1418 / UPC: 143130

These funds will be used to supplement PANYNJ funding for the ongoing PATH Signals Replacement Program, limited to elements that are eligible for federal Emergency Relief funds based on damage incurred during Superstorm Sandy. The overall project scope replaces the existing signals system, incorporating federally compliant Automatic Train Control capability and increased flood resiliency.

COUNTY: Hudson, Essex

LEGISLATIVE DISTRICT: Various

MUNICIPALITY: Various

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): MT6, O9 (Exempt)

MPO	Phase	Fund	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total
NJTPA	CON	PANY-NJ											\$2.300
NJTPA	CON	SECT 5324											\$20.700

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Substations	DBNUM: PA1413 / UPC: 143080
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Replacement and upgrades of four substations, which provide power to the PATH System. Funding is provided for substation replacement projects. These substations were damaged by storm surges and flooding. Equipment was damaged and not operational and has been replaced or refurbished. The outdoor switch yard and building were also undermined due to 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 substation can continue to operate during the construction period without any interruption to service. Tunnel A, Tunnel B, Tunnel E, and

COUNTY: Hudson, Essex

LEGISLATIVE DISTRICT: Various

MUNICIPALITY: Various

SPONSOR: PANYNJ

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): MT6, O9 (Exempt)

MPO	Phase	Fund	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total
NJTPA	CON	PANY-NJ	\$0.098										\$0.098
NJTPA	CON	SECT 5324	\$0.885										\$0.885

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Trackwork Repair and Restoration

DBNUM: PA1419 / UPC: 143140

Funding is provided for Trackwork repair and restoration. The funds will be used to repair or replace trackwork, ties, welded rail, power rail, breakers, cabling, heaters, crossovers, 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): MT9, O9 (Exempt)

MPO	Phase	Fund	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	Total
NJTPA	CON	PANY-NJ											\$17.442
NJTPA	CON	SECT 5324											\$156.980