

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*Burlington County Bridge Commission*

**Burlington-Bristol Bridge**

**Electrical Upgrades**

The project includes the replacement of the existing electrical system on the NJ side, the replacement/upgrade existing mechanical operational equipment and the installation of a new data center (fit-out). This project also includes an annual electrical maintenance contract.

<b>ROUTE (MILEPOSTS):</b> NJ 413	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Burlington County	<b>\$4.000</b>	<b>2020 - 2023</b>

**Rehabilitation**

The project includes the replacement of the existing span decks, painting of the steel structures, the rehabilitation of the concrete abutments, sidewalks and piers, counterweight rope replacement, mechanical operational system upgrades, miscellaneous steel repairs, and trunnion replacement. . This project also includes an annual maintenance contract.

<b>ROUTE (MILEPOSTS):</b> NJ 413	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Burlington County	<b>\$26.150</b>	<b>2020 - 2023</b>

**Riverside Delanco Bridge**

**Electrical Upgrades**

The project includes the replacement of the existing electrical system. This project also includes an annual electrical maintenance contract.

<b>ROUTE (MILEPOSTS):</b> CR 543	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Burlington County	<b>\$1.260</b>	<b>2020 - 2023</b>

**Rehabilitation**

The project includes the replacement/upgrade existing mechanical operational equipment, the rehabilitation of the concrete abutments, sidewalks and piers, and gateway improvements. This project also includes an annual maintenance contract.

<b>ROUTE (MILEPOSTS):</b> CR 543	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Burlington County	<b>\$2.875</b>	<b>2020 - 2023</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*Burlington County Bridge Commission*

**Tacony-Palmyra Bridge**

**Bridge Rehabilitation**

The project includes the painting of the steel structures, installation of a maintenance/inspection traveler system, replacement of the existing fender systems, the rehabilitation of the concrete abutments, sidewalks and piers. This project also includes an annual maintenance contract.

<b>ROUTE (MILEPOSTS):</b> NJ 73	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Burlington County	\$42.800	2020 - 2023

**Electrical Upgrades**

The project includes the installation of a data system, installation of a traffic control system, replacement of existing wiring conduit and junction boxes and the installation camera. This project also includes the replacement of the existing submarine cables and the festoon cables. This project also includes an annual electrical maintenance contract.

<b>ROUTE (MILEPOSTS):</b> NJ 73	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Burlington County	\$7.550	2020 - 2023

FY 2020 - 2029  
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
Transportation Authorities Project Descriptions  
*Delaware River and Bay Authority*

**Cape May-Lewes Ferry**

**Generator Switchgear Replacement - Cape May - Asset Preservation**

The Cape May Terminal's switchgear for emergency power is reaching the end of its life cycle. This project proposes the design and installation of a new switch gear for the emergency power system.

**ROUTE (MILEPOSTS):** US 9 (0 - 1)

**Cost (\$ Millions)    Construction (Year)**

**COUNTY:** Cape May County

**\$1.300**

**2020 - 2022**

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*Delaware River and Bay Authority*

**Delaware Memorial Bridge**

**1st Structure Safety Walk & Curb Drainage Retrofit- Safety**

The 1st structure currently has an open grate safety walk which allows water, road salts, and sand to corrode the structural steel beneath the road level. This project programs the design and construction necessary to convert from an open grate safety walk to a solid surface.

<b>ROUTE (MILEPOSTS):</b> I-295 (0 - 0.73)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Salem County	<b>\$2.200</b>	<b>2020 - 2021</b>

**Advance Steel Repair**

There are known steel deficiencies in areas of the Delaware Memorial Bridge superstructure where the steel will be blast cleaned and painted from bare steel. This project proposes to identify and correct these deficiencies in advance of planned painting projects.

<b>ROUTE (MILEPOSTS):</b> I-295 (0 - 0.73)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Salem County	<b>\$5.000</b>	<b>2019 - 2023</b>

**Approach Pavement Repair -Asset Preservation**

Large sections of hot mix pavement in the northbound direction are 12 or more years old, showing signs of distress, and have reached the end of their useful life. This project will remove the wearing surface and install a fresh wearing course in sections over a three year period.

<b>ROUTE (MILEPOSTS):</b> I-295 (0 - 0.73)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Salem County	<b>\$3.500</b>	<b>2019 - 2023</b>

**Delaware Memorial Bridge Deck repair and Ultra High Performance Concrete Evaluation (NB Structure)-Asset Preservation**

Delaware Memorial Bridge's structures exhibit minor deck cracking and delamination as well as potholes due to age and heavy truck volumes. This project proposes to demonstrate a proof of concept for Ultra High Performance Concrete (UHPC) overlays on the decks of the Delaware Memorial Bridge. As part of this project, area will be identified on the bridge where UHPC overlays can be installed and cores taken for testing and evaluation.

<b>ROUTE (MILEPOSTS):</b> I-295 (0 - 0.73)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Salem County	<b>\$21.500</b>	<b>2019 - 2022</b>

**Fall Preventing Fencing - Safety**

This project proposes to install anti-climb mesh fencing along both spans of the Delaware Memorial Bridges.

<b>ROUTE (MILEPOSTS):</b> I-295 (0 - 0.73)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Salem County	<b>\$22.000</b>	<b>2020 - 2022</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*Delaware River and Bay Authority*

**Delaware Memorial Bridge**

**Norfolk Rail Road Backwall Replacement - Asset Preservation**

The backwall of the bridge over the Norfolk Southern Railroad has developed a large longitudinal crack that extends through the length of the backwall. The project aims to replace this backwall and expansion joint above with a jointless backwall that will be designed to perform better and eliminate leakages from the joint.

<b>ROUTE (MILEPOSTS):</b> I-295 (0 - 0.73)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Salem County	<b>\$2.500</b>	<b>2020</b>

**Route 9 Bridge Repairs - Asset Preservation**

The Route 9 bridge slabs are showing signs of deterioration near the bridge joints. The project aims to remove and replace existing bridge joints with new joint and repair and rebuild deteriorated portions of the bridge slabs.

<b>ROUTE (MILEPOSTS):</b> I-295 (0 - 0.73)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Salem County	<b>\$3.200</b>	<b>2020</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*Delaware River Joint Toll Bridge Commission*

**Centre Bridge Stockton Toll Supported Bridge**

**Centre Bridge Stockton Toll Supported Bridge Rehabilitation**

This project will rehabilitate the bridge, including replacement of lower truss chord members, concrete substructure repairs and repainting.

<b>ROUTE (MILEPOSTS):</b> Bridge Street	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Hunterdon County	\$7.300	2025

**Delaware Water Gap(I-80) Toll Bridge**

**I-80 DWG Westbound Toll Plaza Approach and Roadway Rehabilitation**

This project includes the rehabilitation of the Westbound Interstate 80 from the Main River Bridge to the end of the Commission's Jurisdiction. The work will include rehabilitation of the concrete roadway and bridge approach slabs. It will also repair or replace the asphalt Express E-Z pass lane.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Warren County	\$7.300	2020

**Interstate 78 Toll Bridge**

**Cleaning & Painting of the I-78 Main River Bridges**

This project includes cleaning & painting of I-78 Main River Bridges.

<b>ROUTE (MILEPOSTS):</b> I-78	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Warren County	\$9.700	2024

**I-78 New Jersey Roadway Milling & Paving**

This project includes milling, paving and restriping of the New Jersey approach roadway along with miscellaneous guide rail and concrete repairs.

<b>ROUTE (MILEPOSTS):</b> I-78	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Warren County	\$16.500	2025

**Lower Trenton Toll-Supported Bridge**

**Lower Trenton Toll-Supported Bridge Cleaning & Painting**

This project includes cleaning and painting of the Lower Trenton Toll-Supported Bridge.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Mercer County	\$6.400	2022

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*Delaware River Joint Toll Bridge Commission*

**Milford-Montague Toll Bridge**

**Milford - Montague Toll Bridge & Approach Roadway Repaving**

This project will consist of milling and paving of the Milford - Montague Toll Bridge from NJ Route 206 to PA Route 209, including the Main River Bridge. Repaving of the parking lot of the Administration Building and Maintenance Area will also be included in this project.

ROUTE (MILEPOSTS): US 206 (130.5 - 131)	Cost (\$ Millions)	Construction (Year)
COUNTY: Sussex County	\$3.000	2022

**New Hope-Lambertville Toll Bridge**

**New Hope-Lambertville Toll Supported Bridge Rehabilitation**

This project will consist of rehabilitating the bridge. Repairs will include repainting the steel, spall repairs of the substructure concrete, and repair of any steel deterioration.

ROUTE (MILEPOSTS): US 202	Cost (\$ Millions)	Construction (Year)
COUNTY: Hunterdon County	\$4.300	2024

**Northampton Street Toll-Supported Bridge**

**Northampton Toll-Supported Bridge Floor System Replacement & Rehabilitation**

This project includes rehabilitation and replacement of the floor system at the Northampton Street Toll Supported Bridge. The work will include: complete replacement of the grid deck and structural steel floor system; removal of existing paint and repainting of the trusses; repairs to truss bearings and abutment backwall; replacement of sidewalk and access panel; substructure repairs; new bridge lighting & architectural lighting; and replacement of the roadways at both ends of the bridge.

ROUTE (MILEPOSTS): US 22	Cost (\$ Millions)	Construction (Year)
COUNTY: Warren County	\$9.800	2020

**Portland-Columbia Toll-Supported Pedestrian Bridge**

**Portland - Columbia Pedestrian Toll Supported Bridge Improvements**

This project includes in-depth inspection of the bridge, spot-cleaning & painting, bearing improvements, bridge deck replacement, and improvements based on recommendations made from the in-depth inspection.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Warren County	\$4.100	2024

FY 2020 - 2029

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

Transportation Authorities Project Descriptions

*Delaware River Joint Toll Bridge Commission*

**Riverton-Belvidere Toll-Supported Bridge**

**Riverton - Belvidere Toll-Supported Bridge Rehabilitation**

This project includes cleaning and painting of the Riverton - Belvidere Toll-Supported Bridge.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Warren County	<b>\$2.900</b>	<b>2024</b>

**Scudder Falls Bridge**

**I-295 Scudder Falls Bridge Replacement**

Under a Memorandum of Agreement that the Delaware River Joint Toll Bridge Commission (DRJTBC) entered into with the New Jersey Department of Transportation (NJDOT) and the Pennsylvania Department of Transportation (Penn DOT), the project's limits are I-95 from PA Route 332 in Bucks County, PA to Bear Tavern Road in Mercer County, NJ. The project area extends 4.4 miles along I-95 – from the Route 332 interchange in Bucks County, Pa. to the Bear Tavern Road interchange in Mercer County, N.J. The work includes a complete replacement of the existing four-lane Scudder Falls Bridge over the Delaware River with six lanes of through traffic (three in each direction), two auxiliary northbound lanes for entry/exit travel, and one auxiliary southbound lane for entry/exit travel.

Other major components of the project include:

- Widening of I-95 from the Route 332 exit in Pennsylvania to the bridge by adding an additional lane in each direction (widening to the inside of the highway)
- Reconfiguration of the I-95/Taylorville Road Interchange in Lower Makefield Twp., Pa. by eliminating the existing eastern southbound off-ramp from I-95 and combining it with the existing western southbound off-ramp
- Reconstruction and reconfiguration of the Route 29 interchange through the use of roundabouts. This option would avoid traffic signals, resulting in a folded diamond interchange with two roundabout intersections at the ramps with I-95
- A Pedestrian/Bicycle shared-use pathway on the upstream structure of the new dual spans
- Full inside and outside shoulders/breakdown lanes on both bridge spans, a current highway standard requirement; the inside shoulders will be 14-feet wide (two feet wider than the 12-foot width required under current highway design criteria) to allow for future bus-rapid transit routes in the region
- Noise-abatement walls along the approach roadways leading to and from the bridge

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Mercer County	<b>\$534.000</b>	<b>2017 - 2021</b>

**Trenton-Morrisville Bridge**

**Trenton-Morrisville Toll Bridge All Electronic Tolling**

This project includes study, design and implementation of All Electronic Tolling at the Trenton-Morrisville Toll Bridge.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Mercer County	<b>\$8.900</b>	<b>2023 - 2024</b>

FY 2020 - 2029

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

Transportation Authorities Project Descriptions

*Delaware River Joint Toll Bridge Commission*

**Uhlerstown-Frenchtown Toll Supported Bridge**

**Uhlerstown - Frenchtown Toll Supported Bridge Rehabilitation**

This project will consist of rehabilitation of the floor system at the Uhlerstown-Frenchtown Toll Supported Bridge. The work will include: repairs to the grid deck and structural steel floor system; replacement of the bridge tri-rail, removal of existing paint and repainting of the trusses; repairs to the truss bearings and abutment backwalls; substructure repairs; new bridge lighting; and replacement of the approach roadways at both ends of the bridge.

**ROUTE (MILEPOSTS):** CR 546

**Cost (\$ Millions) Construction (Year)**

**COUNTY:** Hunterdon County

**\$6.700**

**2026**

**Washington Crossing Bridge**

**Washington Crossing Bridge Replacement**

This project includes Preliminary Engineering / Environmental Assessment for replacement of the Washington Crossing Toll- Supported Bridge across the Delaware River.

**ROUTE (MILEPOSTS):**

**Cost (\$ Millions) Construction (Year)**

**COUNTY:** Mercer County

**\$12.900**

**2027 - 2029**

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*Delaware River Port Authority of Pennsylvania and New Jersey*

**Benjamin Franklin Bridge**

**Approach Spans Rehabilitation**

This project includes structural steel repairs throughout the approach spans, maintenance painting, and upgrades to the decorative lighting.

<b>ROUTE (MILEPOSTS):</b> I-676 (3.8 - 4.75)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$33.000</b>	<b>2022 - 2025</b>

**Bridge Deck Resurfacing**

The project includes rehabilitation of the approach spans on each side of the bridge (Philadelphia and Camden); repair of steel components (columns/beams) within the bridge support system; and additional drainage and electrical improvements.

<b>ROUTE (MILEPOSTS):</b> I-676 (3.8 - 4.75)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$28.000</b>	<b>2022 - 2024</b>

**Masonry Rehabilitation**

This project proposes to repair, rehabilitate, and preserve the granite facades on the anchorages, piers, abutments, and retaining walls. Weathering and age have caused the facades to deteriorate.

<b>ROUTE (MILEPOSTS):</b> I-676 (3.8 - 4.75)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$6.350</b>	<b>2022 - 2023</b>

**Suspension Spans Rehabilitation**

This project includes dehumidification of the main suspension cables, concrete and structural repairs to the pedestrian walkway, structural steel repairs throughout the suspension span, maintenance painting, and upgrades to the decorative lighting.

<b>ROUTE (MILEPOSTS):</b> I-676 (3.8 - 4.75)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$90.000</b>	<b>2019 - 2023</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*Delaware River Port Authority of Pennsylvania and New Jersey*

**Betsy Ross Bridge**

**New Jersey Approach Roadway Resurfacing**

This project provides for the resurfacing of approach roadways leading to the Betsy Ross Bridge. The project will include concrete repairs and paving.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$18.000</b>	<b>2019 - 2021</b>

**Painting & Steel Repairs**

This project will entail the blast cleaning and painting of the entire Betsy Ross Bridge along with substructure steel repairs. This project also proposes to install protective shielding above and below the roadway level.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$78.000</b>	<b>2018 - 2024</b>

**Commodore Barry Bridge**

**Bridge Deck Rehabilitation**

This project proposes concrete deck repairs and includes the installation of a protective top coat to the section of the the roadway surface.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Gloucester County	<b>\$14.000</b>	<b>2019 - 2021</b>

**Deleading and Repainting**

This project includes the blast cleaning and painting of the entire Commodore Barry Bridge along with substructure concrete rehabilitation. Under this particular project we anticipate installing protective shielding above and below the roadway level.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Gloucester County	<b>\$76.000</b>	<b>2015 - 2023</b>

**Structural Rehabilitation - Phase II**

This project replaces the out of service transverse maintenance walkways attached to the bridge approach piers. It will also perform various concrete and steel repairs to the bridge as identified in recent biennial and interim inspections.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Gloucester County	<b>\$14.400</b>	<b>2019 - 2021</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*Delaware River Port Authority of Pennsylvania and New Jersey*

**PATCO**

**Embankment Restoration, Drainage Improvements, & Retaining Walls Rehab.**

This project will rehabilitate and restore embankments and retaining walls at several locations along PATCO right-of-way to prevent erosion and preserve drainage control in order to maintain the system in a safe and functional condition. The work includes stabilizing deteriorated embankment slopes, constructing drainage improvements, and retaining walls between Camden and Lindenwold.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$9.100</b>	<b>2019 - 2022</b>

**Install Elevators in Remaining PATCO Stations**

The project will install new elevators at six (6) PATCO stations not currently served by elevators. The six (6) stations include Ashland, Haddonfield, Westmont, Collingswood, City Hall, and 12th-13th & Locust Stations. Seven of the 13 PATCO stations already have elevators in service. All stations on the PATCO system will be compliant with the Americans with Disabilities Act (ADA) when the project is completed.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$32.000</b>	<b>2018 - 2021</b>

**Lindenwold Yard Track Rehabilitation & Lindenwold Viaduct**

This effort is to perform a rehabilitation of the tracks in PATCO's Lindenwold Yard. The project will involve the removal and replacement of individual yard tracks, switches, signals, lighting, and viaduct track structure.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$34.000</b>	<b>2018 - 2020</b>

**PATCO Hall and Way Interlocking Rehabilitation**

This project will replace the track and switches at Hall and Way Interlockings in the Camden subway. The work includes replacement of existing turnouts and crossing diamonds and installation of signal and electrical components.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$5.400</b>	<b>2019 - 2021</b>

**PATCO Interlocking and Track Rehabilitation Phase II**

This effort is to perform a rehabilitation of Locust, Hall, Way, East/West Ferry, and East Crest Interlockings. The project will involve the removal and replacement of switches, frogs, ties, and signal/communication/power cabling.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$26.400</b>	<b>2019 - 2024</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*Delaware River Port Authority of Pennsylvania and New Jersey*

**PATCO**

**PATCO Station Enhancements**

This effort will provide for station enhancements at several stations. The project will include signage upgrades, flooring upgrades, and upgrades to platforms to enhance the customer experience.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$7.000</b>	<b>2019 - 2021</b>

**Rehabilitation of PATCO Fleet**

This project is overhauling the 120 vehicle PATCO Transit Car fleet. The fleet is over 40 years old and requires increased maintenance for service reliability. An evaluation of the car fleet determined that a major overhaul to the fleet was warranted and more cost effective than a new car procurement.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$194.000</b>	<b>2011 - 2020</b>

**Reopening of Franklin Square**

Project will include scoping, preliminary design work, ADA accessibility, structural, electrical, plumbing, communication, signal and security elements needed to enhance the currently closed station to full operation.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$32.000</b>	<b>2018 - 2023</b>

**Replace Electrical Cables in Subways**

This project includes replacement of power and signal communication cables in subways. Existing cables in service are over 40+ years, and have exceeded expected service life. Replacement is required to ensure reliability of traction power and signal systems.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$8.500</b>	<b>2019 - 2022</b>

**Subway Structures Renovation**

This project will provide for preventive repairs to tunnels, subway stations, pump rooms owned by PATCO and include miscellaneous steel repair, concrete repair, joint filler, painting, waterproofing, and tunnel leakage mitigation.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$19.000</b>	<b>2019 - 2022</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*Delaware River Port Authority of Pennsylvania and New Jersey*

**PATCO**

**Woodcrest Station Platform Rehabilitation**

This project will consist of the planning and design to include reinforcement of concrete, steel member rehabilitation, steel and concrete components of the platforms & stairway enclosures.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Camden County	<b>\$10.600</b>	<b>2019 - 2022</b>

**Walt Whitman Bridge**

**Anchorage Preservation**

This project will repair, rehabilitate, and preserve the anchorages, including concrete and steel repairs, stairway and elevator repairs, and associated lighting and electrical upgrades.

<b>ROUTE (MILEPOSTS):</b> I-76 (2 - 3.8)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Gloucester County	<b>\$18.000</b>	<b>2019 - 2021</b>

**Corridor Rehabilitation at I-76 - PA Approach**

This project includes concrete structural repairs, roadway milling & paving, sign gantry replacement, and miscellaneous steel & concrete repairs and painting.

<b>ROUTE (MILEPOSTS):</b> I-76 (2 - 3.8)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Gloucester County	<b>\$50.000</b>	<b>2019 - 2022</b>

**New Jersey Approach Bridges Painting**

This project includes blast cleaning and painting of the New Jersey approach spans to the Walt Whitman Bridge. This will provide for de-leading steel repairs of the approach structures.

<b>ROUTE (MILEPOSTS):</b> I-76 (2 - 3.8)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Gloucester County	<b>\$16.000</b>	<b>2019 - 2021</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*FHWA Eastern Federal Lands Highway Division*

**U.S. Fish and Wildlife Services**

**FW EDFO 104(1) 906(1) - Edwin B. Forsythe National Wildlife Refuge**

Reconstruct Scotts Landing Road (Route 104) and Parking Lot (Route 906).

<b>ROUTE (MILEPOSTS):</b>	Cost (\$ Millions)	Construction (Year)
<b>COUNTY:</b> Alantic County	\$0.530	2020

**NJ FLAP LHT RD(1) - Fish and Wildlife/ Great Swamp National Wildlife Refuge**

Mill 2" of existing HMA on Pleasant Plains Roads and resurface it.

<b>ROUTE (MILEPOSTS):</b>	Cost (\$ Millions)	Construction (Year)
<b>COUNTY:</b> Morris County	\$0.350	2020

**NJ FLAP WARI PVRTRL(1) - USFWS/Wallkill River National Wildlife Refuge**

Rehabilitate Papakating Valley Rail Trail.

<b>ROUTE (MILEPOSTS):</b> CR 565 (12.57)	Cost (\$ Millions)	Construction (Year)
<b>COUNTY:</b> Sussex County	\$1.188	2021

**NJ FLTP NP DEWA(4) - Delaware Water Gap NRA**

Old Mine Road South.

<b>ROUTE (MILEPOSTS):</b> (0 - 3)	Cost (\$ Millions)	Construction (Year)
<b>COUNTY:</b> Warren County	\$2.900	2021

**NJ FLTP NP DEWA(7) - Delaware Water Gap NRA**

Old Mine Road South.

<b>ROUTE (MILEPOSTS):</b> (3 - 5.92)	Cost (\$ Millions)	Construction (Year)
<b>COUNTY:</b> Warren County	\$3.200	2023

**NJ FLTP NP DEWA(8) - Delaware Water Gap NRA**

NPS Rt 615 and Route 209.

<b>ROUTE (MILEPOSTS):</b>	Cost (\$ Millions)	Construction (Year)
<b>COUNTY:</b> Sussex County	\$3.800	2023

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*FHWA Eastern Federal Lands Highway Division*

<b>U.S. Fish and Wildlife Services</b>
--

<b>NJ_FLAP_GALWY_SCOTT(1) - USFWS, Edwin B. Forsythe National Wildlife Refuge</b>
---

Preparing for widening and grading Scott's Landing Road.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Atlantic County	<b>\$0.154</b>	<b>2021</b>

<b>SO NP DEWA(2) - Delaware Water Gap NRA</b>
---

South Old Mine Road (Rte 10) Heavy 3R.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Sussex County	<b>\$2.832</b>	<b>2019</b>

<b>SO NP DEWA(3) - Delaware Water Gap NRA</b>
---

Old Mine Road North.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Hunterdon County	<b>\$1.500</b>	<b>2020</b>

<b>SO NP GATE(4) - Gateway National Recreation Area</b>
---

Pavement Rehab. Atlantic Drive and various routes Sandy Hook Unit.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Monmouth County	<b>\$0.146</b>	<b>2019</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*New Jersey Turnpike Authority*

**New Jersey Turnpike**

**Chaplain Washington Memorial Passaic River Bridge Repair Project**

This project provides for the design, construction and supervision services for superstructure repairs to Turnpike Structure No. E107.88, Chaplain Washington Memorial Passaic River Bridge. The project also provides for strengthening of low rating superstructure members and the replacement of the major pin and hanger assemblies of the superstructure.

<b>ROUTE (MILEPOSTS):</b> New Jersey Turnpike (62.4 - 62.6)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Hudson County	<b>\$14.000</b>	<b>2019 - 2022</b>

**Laderman Memorial Passaic River Bridge Repair Project**

This project provides for the design, construction and supervision services for superstructure repairs to Turnpike Structure No. W107.87, Laderman Memorial Passaic River Bridge. The project also provides for strengthening of low rating superstructure members.

<b>ROUTE (MILEPOSTS):</b> New Jersey Turnpike	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Hudson County	<b>\$12.800</b>	<b>2019 - 2022</b>

**Newark Bay - Hudson County Extension Bridge Deck Reconstruction between Interchange 14C and Jersey Ave**

This project will replace the bridge deck and barrier along the west bound road way within the project limits. In addition to the replacement of the bridge deck the approach pavement to the Interchange 14C toll plaza will be rehabilitated, and lighting and drainage improvements will be included.

<b>ROUTE (MILEPOSTS):</b> I-78 (6 - 8.2)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Hudson County	<b>\$100.000</b>	<b>2017 - 2020</b>

**Newark Bay - Hudson County Extension Bridge Deck Reconstruction between Interchanges 14 and 14 A**

This project proposes to replace the bridge deck in multiple phases. Construction on the second phase is Contract No. T100.381, and the 3rd phase Contract No. is T100.184 and will begin in 2018.

<b>ROUTE (MILEPOSTS):</b> I-78 (1.5 - 2.9)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Essex County, Hudson County	<b>\$115.000</b>	<b>2016 - 2020</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*New Jersey Turnpike Authority*

**Garden State Parkway**

**Garden State Parkway Bridge Over Passaic River**

This project provides for the design, construction and supervision, and permitting services for the superstructure replacement and widening of Parkway Structure No. 158.2, GSP Bridge over Passaic River, US Route 46, and River Road.

<b>ROUTE (MILEPOSTS):</b> Garden State Parkway (158.1 - 158.5)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Hudson County	<b>\$63.600</b>	<b>2019 - 2022</b>

**Garden State Parkway Shoulder Widening**

This project will provide standard left and right shoulders in both directions of the GSP between mileposts 30 and 35, improve roadside safety features, construct stormwater management facilities and replace eight bridges. This project is currently in the design phase.

<b>ROUTE (MILEPOSTS):</b> Garden State Parkway (30 - 35)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Alantic County	<b>\$60.000</b>	<b>2020</b>

**Interchange 145 Improvements**

The Central Avenue Bridge over the Garden State Parkway will be replaced with a longer bridge to provide a two-lane entrance ramp from the I-280 toll plaza to the southbound Parkway. That will allow for the relocation of the bridge abutments and elimination of the center pier in the median between the northbound and southbound Parkway, allowing for two standard width northbound deceleration lanes from the Parkway to the I-280 toll plaza.

<b>ROUTE (MILEPOSTS):</b> Garden State Parkway (146.5 - 147.5)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Essex County	<b>\$64.000</b>	<b>2018 - 2022</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*Port Authority Bridges and Tunnels*

**Bus Terminal**

**Port Authority Bus Terminal Improvement Program**

The Port Authority Bus Terminal interim improvement program aims to enhance the customer experience at the 64-year-old terminal and provide the replacement or repair work to major building systems necessary to ensure that this facility remains operationally effective and safe until the new one is built. This program includes a full portfolio of projects consisting of priority repairs aimed at the preservation or rehabilitation of parking level trusses, roadways, structural slabs, concrete, masonry. It also targets replacement of electrical panels, controls, HVAC, ductwork, and sanitary drainage; the on-going repairs of leaks; and completion of the \$90 million "Quality of Commute" Program authorized by the Port Authority Board of Commissioners in 2014. The \$90 million Quality of Commute Program was developed to improve conditions for customers at the existing PABT while planning continues for the design and construction of a new terminal. It includes operational improvements to help reduce crowding and improve bus flow; the addition of increased cellular and Wi-Fi connectivity within the terminal; the installation of new restrooms; and the installation of supplementary ventilation systems, among other improvements. Additional work includes rehabilitation of supplementary ventilation systems, among other improvements. Additional work includes rehabilitation of elevators and escalators, replacements of the visual paging system, enhancements of building entrances/exits, and the renovation of all remaining restrooms.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Hudson County	<b>\$337.000</b>	<b>2017 - 2026</b>

**George Washington Bridge**

**Restoring the George Washington Bridge**

This project includes Suspender Rope Replacement Project, which encompasses the innovative replacement of more than 500 suspender ropes and hand rails. Other project under the program rebuild the Palisades Interstate Parkway Helix, double the capacity of pedestrians and cyclists, with separate sidewalks for each, by replacing the bridge's upper level sidewalks; installation of new ADA access ramps; installation of state of the art safety fencing; and rehabilitate the Main Span's eastbound upper and lower levels. The program also provides for the rehabilitation of several major elements associated with the bridge, including the approach spans over the New Jersey anchorage and Hudson Terrace; the 178th and 179th street ramps and bus turnaround; the main span upper level structural steel; and the Center and Lemoine Avenue Bridges. This project includes Suspender Rope Replacement Project, which encompasses the innovative replacement of more than 500 suspender ropes and hand rails. Other project under the program rebuild the Palisades Interstate Parkway Helix, double the capacity of pedestrians and cyclists, with separate sidewalks for each, by replacing the bridge's upper level sidewalks; installation of new ADA access ramps; installation of state of the art safety fencing; and rehabilitate the Main Span's eastbound upper and lower levels. The program also provides for the rehabilitation of several major elements associated with the bridge, including the approach spans over the New Jersey anchorage and Hudson Terrace; the 178th and 179th street ramps and bus turnaround; the main span upper level structural steel; and the Center and Lemoine Avenue Bridges

<b>ROUTE (MILEPOSTS):</b> New Jersey Turnpike (77.5 - 79)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Bergen County	<b>\$1,800.000</b>	<b>2016 - 2026</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*Port Authority Bridges and Tunnels*

**Lincoln Tunnel**

**The Lincoln Tunnel Helix Replacement Project**

This project includes funding for planning, environmental review, public outreach and participation, design and permitting, and construction. The program will accommodate anticipated future capacity needs, meet contemporary standards and code requirements, and provide direct connectivity to and from a new bus terminal.

<b>ROUTE (MILEPOSTS):</b> NJ 495 (2 - 4)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Hudson County	<b>\$1,500.000</b>	<b>2017 - 2026</b>

**Newark Liberty International Airport**

**Newark Liberty International Airport - Air Train Newark Interim Repairs**

Air Train Newark has experienced mounting operational failures as the existing system nears the end of its useful life. The AirTrain Newark Interim Repairs Program will extend the life of the this AirTrain. The overall program program includes several projects consisting of priority repairs and sub-system overhauls, plus refurbishment and replacement of multiple system elements, including the running surface and guideway heating system, guideway structure, mainline switches, gearboxes, on-board vehical sub-systems, power distribution and communications, train controls, and fixed facilites. This program would continue simultaneously with the ongoing Capital assets Replacement Program that the agency authorized in 2012 to enable AirTrain Newark to operate through 2022. Notably, the Capital Plan includes funding for the planning of a full replacement of AirTrain Newark in the future.

<b>ROUTE (MILEPOSTS):</b>	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Essex County	<b>\$380.000</b>	<b>2017 - 2026</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*South Jersey Transportation Authority*

**Atlantic City Expressway**

**Atlantic City Expressway All Electronic Tolling**

This project includes upgrade of toll collection using innovative technology through electronic tolling.

<b>ROUTE (MILEPOSTS):</b> Atlantic City Expressway (0 - 44)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Alantic County, Camden County, Gloucester County	<b>\$48.000</b>	<b>2019 - 2020</b>

**Atlantic City Expressway Widening Project**

This project includes construction to widen the Atlantic City Expressway with a third lane in both directions.

<b>ROUTE (MILEPOSTS):</b> Atlantic City Expressway (31 - 44)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Alantic County, Camden County, Gloucester County	<b>\$150.000</b>	<b>2021 - 2025</b>

**Atlantic City Expressway/Atlantic City International Airport Direct Connector**

This project includes design & construction of a direct connect roadway from the Atlantic City Expressway to the Atlantic City International Airport.

<b>ROUTE (MILEPOSTS):</b> Atlantic City Expressway (9)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Atlantic County	<b>\$60.000</b>	<b>2019 - 2020</b>

**Interchange 7 Improvement**

This projects includes design and construction of a new fly over ramp for Garden State Parkway NB to Atlantic City Expressway WB.

<b>ROUTE (MILEPOSTS):</b> Atlantic City Expressway (7.2)	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Atlantic County	<b>\$20.000</b>	<b>2020 - 2022</b>

**FY 2020 - 2029**  
**STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM**  
**Transportation Authorities Project Descriptions**  
*South Jersey Transportation Authority*

**Atlantic City International Airport**

**Atlantic City International Airport De-Icing Pad Project**

This project includes construction of new de-icing pad facility at Atlantic City International Airport.

<b>ROUTE (MILEPOSTS):</b> Atlantic City Expressway	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Atlantic County	<b>\$25.800</b>	<b>2019 - 2021</b>

**Atlantic City International Airport Parking Garage Expansion**

This project includes design and construction of a new parking garage at Atlantic City International Airport.

<b>ROUTE (MILEPOSTS):</b> Atlantic City Expressway	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Atlantic County	<b>\$37.000</b>	<b>2020 - 2022</b>

**Atlantic City International Airport Runway Maintenance and Repair Facility**

This project includes construction of new building for storage & maintenance including new State Police Baracks, new Trash Compactor Enclosure, and reconstructed employee parking lot.

<b>ROUTE (MILEPOSTS):</b> Atlantic City Expressway	<b>Cost (\$ Millions)</b>	<b>Construction (Year)</b>
<b>COUNTY:</b> Atlantic County	<b>\$25.000</b>	<b>2019 - 2021</b>