

Appendix E: Transportation Authorities and Eastern Federal Lands Projects

FY 2018-2027
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
Transportation Authorities Project Descriptions
Burlington County Bridge Commission

Burlington-Bristol Bridge

Bridge Rehabilitation

This project includes the replacement of the existing span decks, repairs to the existing walkway, railing and ladder system, painting of the steel structures, rehabilitation of the bridge mounted structures, repairs to the existing counter weights, gateway improvements the installation of warning gates. This project also includes an annual maintenance.

ROUTE (MILEPOSTS): NJ 413	Cost (\$ Millions)	Construction (Year)
COUNTY: Burlington County	\$25.475	2016 - 2019

Riverside Delanco Bridge

Bridge Rehabilitation

This project includes the replacement and upgrade of existing mechanical equipment and gateway improvements. This project also includes an annual maintenance contract.

ROUTE (MILEPOSTS): CR 543 (10.8)	Cost (\$ Millions)	Construction (Year)
COUNTY: Burlington County	\$2.975	2016 - 2019

Tacony-Palmyra Bridge

Bridge Electrical Upgrades

This 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 of solar panels. This project also includes the replacement of the existing submarine cables and festoon cables. This project also includes an annual electrical maintenance contract.

ROUTE (MILEPOSTS): NJ 73	Cost (\$ Millions)	Construction (Year)
COUNTY: Burlington County	\$13.125	2016 - 2019

Bridge Rehabilitation

This project includes the painting of the steel structures, installation of a maintenance/inspection traveler system, replacement of the existing fender systems, rehabilitation of the rack and pinion system and the installation of warning gates. This project also includes an annual maintenance contract.

ROUTE (MILEPOSTS): NJ 33	Cost (\$ Millions)	Construction (Year)
COUNTY: Burlington County	\$28.025	2016 - 2019

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Delaware River and Bay Authority

Delaware Memorial Bridge

Cable Preservation (Both Structures)-DMB

This project includes preventive measures necessary to maintain main suspension cables that support the bridge deck of the Delaware Memorial Bridge.

ROUTE (MILEPOSTS): I-295 (0 - 0.73)

Cost (\$ Millions) Construction (Year)

COUNTY: Salem County

\$37.750

2016 - 2021

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STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

Transportation Authorities Project Descriptions

Delaware River Joint Toll Bridge Commission Authority

Northampton Street Toll Supported Bridge

Northampton Street Toll Supported Bridge

This project includes Replacement & Rehabilitation of the floor system at the Northampton Street Toll Supported Bridge as well as to rehabilitate the bridge to preclude major repairs for a minimum of 15 years.

ROUTE (MILEPOSTS): US 22 (0 - 0.1)	Cost (\$ Millions)	Construction (Year)
COUNTY: Warren County	\$10.900	2019 - 2020

Riverton - Belvidere Toll-Supported Bridge

Riverton - Belvidere Toll-Supported Bridge

This project includes Riverton - Belvidere Toll-Cleaning and painting of Supported Bridge Rehabilitation.

ROUTE (MILEPOSTS): Water Street (0 - 0.1)	Cost (\$ Millions)	Construction (Year)
COUNTY: Warren County	\$2.700	2021

Scudder Falls Bridge

I-95 Scudder Falls Bridge Replacement

I-95 Scudder Falls Bridge Replacement project involves much more than a replacement of the current functionally obsolete four-lane Scudder Falls Bridge. The project also will include safety upgrades to the two highway interchanges at both ends of the bridge, widening of I-95 to the inside from the bridge to Route 322 in Pennsylvania, and construction of shoulders on the bridge crossing to handle breakdowns and emergencies. The two inside shoulder lanes would have the capacity to serve proposed bus/rapid transit routes.

This project is planned to: (1) Widen I-95 from PA 332 to the inside by adding one travel lane in each direction through utilization of the current grass median along that roadway stretch. (2) Reconfigure the Taylorsville Road Interchange in Lower Makefield Twp., PA by eliminating the existing western southbound off-ramp and modifications to I-95 acceleration and deceleration lanes. (3) Replace the existing outdated four-lane Scudder Falls Bridge with an entirely new structure on the upstream side with overlapping of the current bridge footprint. The new structure would have six lanes of through traffic (three in each direction) with two auxiliary northbound lanes for entry/exit travel and one auxiliary southbound lane entry/exit travel. The recommended option calls for full inside and outside roadway shoulders and bicycle and pedestrian facility on the upstream side of the bridge's southbound span; and (4) Reconstruct and reconfigure 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. Bypasses for NJ Route 29 northbound and southbound traffic would be retained and improved acceleration and deceleration lanes will be provided onto I-95.

ROUTE (MILEPOSTS): I-95 Mercer (0 - 2)	Cost (\$ Millions)	Construction (Year)
COUNTY: Mercer County	\$512.000	2017 - 2021

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Delaware River Port Authority of Pennsylvania and New Jersey

Benjamin Franklin Bridge

Bridge Deck Resurfacing

This 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.

ROUTE (MILEPOSTS): I-676 (3.8 - 4.75)	Cost (\$ Millions)	Construction (Year)
COUNTY: Camden County	\$10.500	2018 - 2019

Replace Moveable Barrier

This project will replace existing moveable barrier system. The bridge has a moveable barrier wall along the bridge roadway deck that separates the opposing directions of traffic and is moved multiple times on a daily basis throughout the year using a moveable barrier machine.

ROUTE (MILEPOSTS): I-676 (3.8 - 4.75)	Cost (\$ Millions)	Construction (Year)
COUNTY: Camden County	\$7.200	2015 - 2019

Commodore Barry Bridge

Deleading and repainting - 3rd phase .

This project includes main span over the Delaware river will be blasted and painted.

ROUTE (MILEPOSTS): US 322 (0 - 2.2)	Cost (\$ Millions)	Construction (Year)
COUNTY: Gloucester County	\$48.000	2018 - 2019

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Delaware River Port Authority of Pennsylvania and New Jersey

PATCO

Install Elevators at Stations

This project will install new elevators at PATCO stations and will be compliant with the Americans with Disabilities Act (ADA) when the project is completed.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Camden County	\$6.500	2015 - 2019

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 and power cabling.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Camden County	\$11.300	2018 - 2022

Lindenwold Track rehabilitation and Viaduct

This project 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.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Camden County	\$15.000	2018 - 2021

Rebuild PATCO cars

This project will include the replacement of PATCO's existing car fleet, through complete rebuilding of existing cars.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Camden County	\$10.000	2018 - 2020

Reopening of Franklin Square

The project will include a modern design, better lighting, improved security, new tile, replacing and securing waterlines, a new entryway on at Race and 7th streets and an elevator to the station, likely some where in Franklin Square Park.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Camden County	\$26.000	2018 - 2023

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Delaware River Port Authority of Pennsylvania and New Jersey

PATCO

Subway Station Renovation

This program will include preventive repairs of pedestrian bridges, tunnels, subway stations, pump rooms owned by PATCO including but not limited to miscellaneous steel repair, concrete repair, joint filler, painting, waterproofing, and tunnel leakage mitigation throughout the PATCO High Speed Line System.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Camden County	\$7.500	2018 - 2022

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.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Camden County	\$2.800	2019 - 2022

Walt Whitman Bridge

Deleading and Repainting - Phase 3

This project will include the painting of the suspension span, stiffening truss towers, and anchorage steel.

ROUTE (MILEPOSTS): I-76 (2 - 3.08)	Cost (\$ Millions)	Construction (Year)
COUNTY: Gloucester County	\$72.000	2015 - 2019

Replacement of Dynamic Message Sign Boards

This project will replace the existing Dynamic Message Sign (DMS) boards of the Pennsylvania approach to the bridge. These DMS are outdated and have outlived their life expectancy.

ROUTE (MILEPOSTS): I-76 (2 - 3.08)	Cost (\$ Millions)	Construction (Year)
COUNTY: Gloucester County	\$6.250	2017 - 2019

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FHWA Eastern Federal Lands Highway Division

Delaware Water Gap NRA

SO NP DEWA(2)

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

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Sussex County, Warren County	\$2.832	2019 - 2021

SO NP DEWA(3)

Old Mine Road South (Rt. 10) and Old Mine Road North (Rt. 15).

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Sussex County	\$0.398	2019 - 2021

Edwin B. Forsythe National Wildlife Refuge

FW EDFO 104(1) 906(1)

This project will reconstruct Scotts Landing Road (Route 104) and Parking Lot (Route 906).

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Atlantic County	\$0.530	2020 - 2023

Fish and Wildlife / Great Swamp National Wildlife Refuge

NJ FLAP LHT RD(1)

This project will mill 2 inches of existing HMA on Pleasant Plains Roads and then resurface the roadway.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Morris County	\$0.350	2019 - 2022

Gateway National Recreation Area

SO NP GATE(4)

This project includes pavement rehabilitation on Atlantic Drive and various routes Sandy Hook Unit.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Monmouth County	\$0.146	2019 - 2021

USFWS, Edwin B. Forsythe National Wildlife Refuge

NJ_FLAP_GALWY_SCOTT(1)

This project will prepare for widening and grading Scott's Landing Road.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Atlantic County	\$0.154	2021 - 2024

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FHWA Eastern Federal Lands Highway Division

USFWS/WALLKILL River National Wildlife Refuge

NJ FLAP WARI PVRTRL(1)

This project will rehabilitate the Papakating Valley Rail Trail

ROUTE (MILEPOSTS):

COUNTY: Sussex County

Cost (\$ Millions) Construction (Year)

\$1.188 2020 - 2023

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New Jersey Turnpike Authority

New Jersey Turnpike

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

The bridge deck is being replaced in two phases. 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. The project is in second phase.

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

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

The bridge deck is being replaced 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. Construction on the second phase, Contract No. T100.381, and 3rd phase Contract No. is T100.184

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

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New Jersey Turnpike Authority

Garden State Parkway

Express E-Zpass Improvements at New Gretna Toll Plaza

This project includes the modification of the Garden State Parkway New Gretna Toll Plaza in Bass River Township to implement Express E-ZPass toll collection.

ROUTE (MILEPOSTS): Garden State Parkway (53 - 54.2)	Cost (\$ Millions)	Construction (Year)
COUNTY: Burlington County	\$11.500	2018 - 2020

Garden State Parkway Widening-Phase 3

This project includes widening of Garden State Parkway interchanges 36 to 48. The new lanes are open in both directions north of milepost 40. The remaining lanes and related interchange improvements are scheduled to be completed in 2018.

ROUTE (MILEPOSTS): Garden State Parkway (34.6 - 48)	Cost (\$ Millions)	Construction (Year)
COUNTY: Atlantic County	\$250.000	2014 - 2018

Great Egg Harbor and Drag Channel Bridge

This project include a new southbound span will be built over Great Egg Harbor and Drag Channel construction is complete and opened to traffic in 2016. The Authority will rehabilitate the existing northbound span and demolish the old southbound span.

ROUTE (MILEPOSTS): Garden State Parkway (27 - 28)	Cost (\$ Millions)	Construction (Year)
COUNTY: Atlantic County, Cape May County	\$210.000	2013 - 2019

Interchange 105 Improvements

This project is intended to improve access to and from the Parkway at Interchange 105 as well as safety and operations at the Hope Road/NJ Route 36 intersection. The improvements include a new southbound connection from the Parkway outer roadway to Wayside Road, the addition of a second northbound deceleration lane from the Parkway outer roadway to Interchange 105 and the reconstruction of the Hope Road/NJ Route 36 intersection.

ROUTE (MILEPOSTS): Garden State Parkway (105.5 - 106.6)	Cost (\$ Millions)	Construction (Year)
COUNTY: Monmouth County	\$40.000	2013 - 2018

Interchange 109 Improvements

This project intends to improve the existing operational and safety concerns at Interchange 109 on the Parkway. Improvements include providing a new entrance loop ramp and bridge, and improvements to the Parkway Mainline and ramp connecting to Newman Springs Road.

ROUTE (MILEPOSTS): Garden State Parkway (109.4 - 110.9)	Cost (\$ Millions)	Construction (Year)
COUNTY: Monmouth County	\$15.000	2018 - 2020

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New Jersey Turnpike Authority

Garden State Parkway

Interchange 125 Improvements

The interchange will be reconfigured to accommodate existing traffic volumes and the future growth resulting from the development of the waterfront. New ramps from the Parkway southbound and to the Parkway northbound will provide full access to Chevalier Avenue and the waterfront development.

ROUTE (MILEPOSTS): Garden State Parkway (125.7 - 128.1)	Cost (\$ Millions)	Construction (Year)
COUNTY: Middlesex County	\$75.000	2016 - 2018

Interchange 145 Improvements

This project will include the replacement of the Central Avenue bridge over the GSP mainline to provide sufficient room for a 2-lane southbound entrance ramp to the SB GSP and a 2-lane northbound exit ramp from the NB GSP at Interchange 145.

ROUTE (MILEPOSTS): Garden State Parkway (146.5 - 147.5)	Cost (\$ Millions)	Construction (Year)
COUNTY: Essex County	\$30.000	2016 - 2019

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Port Authority Bridges and Tunnels

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.

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

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.

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

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South Jersey Transportation Authority

Atlantic City Expressway

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.

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

Electronic Tolling

This project will upgrade the toll collection system by using innovative technology through electronic tolling.

ROUTE (MILEPOSTS): Atlantic City Expressway (0 - 44)	Cost (\$ Millions)	Construction (Year)
COUNTY: Atlantic County, Camden County, Gloucester County	\$50.000	2018 - 2019

Interchange 7 Improvement

This projects includes Design and construction of a new flyover ramp for GSP NB to Atlantic city Expressway WB.

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

Interchange Modernization Project

This project includes Design & Construction of improvements to interchange 2, 4, 9, 12, 14, & 28 including ramp lighting, and geometric upgrades.

ROUTE (MILEPOSTS): Atlantic City Expressway (2 - 28)	Cost (\$ Millions)	Construction (Year)
COUNTY: Atlantic County	\$5.000	2019

Third Lane Widening (both directions)

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

ROUTE (MILEPOSTS): Atlantic City Expressway (31 - 44)	Cost (\$ Millions)	Construction (Year)
COUNTY: Atlantic County, Camden County, Gloucester County	\$150.000	2017 - 2020

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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 ACY.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Atlantic County	\$25.800	2019 - 2021

Atlantic City International Airport Parking Garage Expansion

This project will include Design and Construction of a new parking garage at ACY.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Atlantic County	\$37.000	2020 - 2022

Atlantic City International Airport Rental Car Quick Turn Around Facility

This project includes Design & Construction of a QTA for Rental Car Agencies to include fueling, vehicle washing, and light maintenance.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Atlantic County	\$4.500	2018

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.

ROUTE (MILEPOSTS):	Cost (\$ Millions)	Construction (Year)
COUNTY: Atlantic County	\$25.000	2019 - 2021