

**FY 2014-2023 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
New Jersey Department of Transportation**

Greenville Yard and Lift Bridge – State-of-Good-Repair

DB#: 09338B / UPC#: 108019

The Port Authority will implement the replacement of the two northernmost Transfer Bridges (#9 and #10) with two new modern hydraulic bridges, the construction of associated rail track and fender infrastructure, the construction of a new barge, and the acquisition of approximately 41.5 acres of Greenville Yard property.

Total construction funding needed is expected to be \$87,510,000.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 31

MUNICIPALITY: Jersey City

SPONSOR: PANYNJ

MILEPOST(S):

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

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

ASSET MANAGEMENT CATEGORY: Multimodal Programs: Intermodal Connections

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	ERC	DEMO	\$70.010									
NJTPA	ERC	OTHER	\$17.500									

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Greenville Yard and Lift Bridge – Temporary Maintenance of Barge Operations

DB#: 09338A / UPC#: 108018

The Port Authority will implement the immediate rehabilitation and repair of the operational lift bridge and associated infrastructure. The project will involve mechanical, structural and electrical repairs to the lift bridge and maintenance and repair work on an existing rail barge and supporting rail track and fenders.

Total construction funding needed is expected to be \$1,500,000.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 31

MUNICIPALITY: Jersey City

SPONSOR: PANYNJ

MILEPOST(S):

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

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

ASSET MANAGEMENT CATEGORY: Multimodal Programs: Intermodal Connections

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	ERC	DEMO	\$1.200									
NJTPA	ERC	OTHER	\$0.300									

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Hoboken Observer Highway Operational and Safety Improvements

DB#: 08441 / UPC#: 084410

Funding is provided for Hoboken Observer Highway Operational and Safety Improvements in Hoboken City, Hudson County.

Total construction funding needed is expected to be \$1,799,800. The following special federal appropriation has been allocated for this project \$2,002,950 (NJ175).

COUNTY: Hudson

LEGISLATIVE DISTRICT: 33

MUNICIPALITY: Hoboken City

SPONSOR: Hoboken City

MILEPOST(S): N/A

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S7 (Exempt)

ASSET MANAGEMENT CATEGORY: Local System Support: Local Roadway Improvements

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	CON	DEMO	\$1.800									

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Meadowlands Adaptive Signal System for Traffic Reduction (MASSTR)

DB#: N1101

The project will incorporate all existing traffic signals within the Meadowlands District into a network of self-adaptive traffic signals to efficiently reduce roadway congestion, delay, travel time, fuel consumptions, and airborne emissions. This will be accomplished through advanced, proven, and cost-effective technology of adaptive signal control. The system will adjust the signal timings based upon the real-time flow of traffic instead of utilizing fixed or actuated timings. Signals along multi-jurisdictional boundaries will be continuously coordinated for optimal operation. Traffic conditions and traffic signal operations will also be monitored and controlled in real-time by a central location. The intersection controls of the proposed system will include preemption for emergency vehicles to allow safe and efficient all-red signal access, as well as priority for mass transit vehicles in order to allow for improved and prioritized treatment along roadway corridors. All system components will utilize state-of-the-art components including wireless vehicle detection devices, wireless communication network, and advanced adaptive traffic signal control software. Inventory of the current signal infrastructure is near completion. Design of the system is currently underway and scheduled for completion in 2009. The system is ready for procurement and phased construction beginning in 2009. There will be \$2 million funded by private developers through the Meadowlands Transportation Planning District (MTPD) and previously collected transportation impact funds.

This project was selected for Transportation Investment Generating Economic Recovery (TIGER 2) grant funding.

14 Municipalities: Carlstadt, East Rutherford, Jersey City, Kearny, Little Ferry, Lyndhurst, Moonachie, North Arlington, North Bergen, Teterboro, Ridgefield, Rutherford, Secaucus, South Hackensack.

Total construction funding needed is expected to be \$6,250,000.

COUNTY: Bergen Hudson

LEGISLATIVE DISTRICT: Various

MUNICIPALITY: Various

SPONSOR: New Jersey Meadowlands Commission

MILEPOST(S): N/A

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): 2014NM (Non-Exempt)

ASSET MANAGEMENT CATEGORY: Local System Support: Local Roadway Improvements

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	EC	DEMO	\$5.000									
NJTPA	EC	OTHER	\$1.250									

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Newark and First Street Improvements, Hoboken

DB#: 08446 / UPC#: 084460

This project is for traffic and pedestrian improvements in the segment of Newark St. one block north of the Hoboken Terminal. The project limits are from Hudson St to Washington St, approximately 350 feet.

Total construction funding needed is expected to be \$215,977. The following special federal appropriation has been allocated for this project \$240,354 (NJ223).

COUNTY: Hudson

LEGISLATIVE DISTRICT: 33

MUNICIPALITY: Hoboken City

SPONSOR: Hoboken City

MILEPOST(S): N/A

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): O10A (Exempt)

ASSET MANAGEMENT CATEGORY: Local System Support: Local Roadway Improvements

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	CON	DEMO	\$0.216									

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PANY&NJ-NJDOT Project Program

DB#: 11407 / UPC#: 114070

Under this program, the Port Authority will provide funding support for improvements to five NJDOT facilities: Route 7, Hackensack River (Wittpenn) Bridge, Route 139 (Hoboken and Conrail Viaducts), Route 1&9T Extension, Route 1&9 Pulaski Skyway, and Route 1&9 Pavement. This program will provide a total of \$1.8 billion from FY 2012 through FY 2016 for these five projects.

The Route 7 Wittpenn Bridge will be replaced with a new vertical lift bridge. The total project cost is estimated at \$650 to \$700 million. The project is located in Kearny and Jersey City, Hudson County.

The Route 139 Contract 3 project will rehabilitate the Hoboken Viaduct, as well as replace the deck and rehabilitate the superstructure of the Conrail Viaduct. The total project cost is estimated at \$180 to \$200 million. The project is located in Jersey City, Hudson County.

The Route 1&9T Extension project, will provide a new roadway parallel to Route 1&9 along the railroad right-of-way in Jersey City. It will provide intermodal connections to the rail yards and divert trucks off the Tonnelle Circle and Route 1&9, helping to ease congestion and facilitating goods movement throughout the region. The total project cost is estimated at \$70 to \$80 million. The project is located in Jersey City, Hudson County.

The Route 1&9 Pulaski Skyway project will rehabilitate the 3.5 mile-long structure that carries Route 1&9 over the Hackensack and Passaic Rivers, the New Jersey Turnpike, several railroads and industrial facilities. The total project cost is estimated at \$1.2 to \$1.5 billion. The project is located in Jersey City, Kearny, and Newark in Hudson and Essex Counties.

The Route 1&9 Pavement project includes both express and local roadways in the northbound and southbound directions. The construction schedule will be coordinated with Pulaski deck construction. The total project cost is approximately \$14.5 million. The project is located in Newark in Hudson County.

COUNTY: Hudson Essex

LEGISLATIVE DISTRICT: 31 33 32 29

MUNICIPALITY: Jersey City Newark City Kearny Town

SPONSOR: NJDOT

MILEPOST(S): N/A

STRUCTURE NO.: 0909150 0704150 0901150 0904151

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): 2020M (Non-Exempt)

ASSET MANAGEMENT CATEGORY: Bridge Assets: Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	ERC	OTHER				\$150.000	\$150.000	\$100.000				
NJTPA	ERC	PANY&NJ	\$376.000	\$375.000	\$353.000							

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Portway, Fish House Road/Pennsylvania Avenue, CR 659

DB#: 97005B / UPC#: 028041

Pennsylvania Avenue/Fish House Road is a two-lane urban minor arterial that connects Central Avenue and Rt. 7. The roadway has an existing speed limit of 25 mph and has two travel lanes with no shoulders. Pennsylvania Avenue has an at-grade railroad crossing with Conrail located approximately 200 feet east of the Central Avenue/Pennsylvania Avenue signalized "T" intersection. The purpose of the project is to improve safety, mitigate the heavy truck congestion and improve the existing aging roadway to accommodate the growing demands. The project will improve safety by eliminating geometric substandard elements such as lack of shoulders and proper cross slope, as well as improve the Central Avenue/Pennsylvania Avenue signalized intersection to increase capacity and improve traffic movement. The at-grade rail crossing will be moved approximately 1200 feet from the intersection. The roadway will be designed specifically to provide superior regional connectivity and accommodate a heavily growing truck volume. Flooding problems will be addressed by providing a proper drainage system as well as improving the existing poor pavement condition.

Total construction funding needed is expected to be \$11,800,000.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 32

MUNICIPALITY: Kearny Town

SPONSOR: NJDOT

MILEPOST(S): N/A

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S4, S7 (Exempt)

ASSET MANAGEMENT CATEGORY: Local System Support: Economic Development

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	PE	STP	\$1.300									
NJTPA	DES	STP			\$1.500							
NJTPA	ROW	STATE				\$3.200						
NJTPA	CON	STP						\$11.800				

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Riverbank Park Bike Trail

DB#: 08440 / UPC#: 084400

The purpose of the project is to improve the area of the Riverbank Park trail along Passaic Avenue from Bergen Avenue to the Belleville Turnpike. Total construction funding needed is expected to be \$1,677,000. The following special federal appropriation has been allocated for this project \$2,002,950 (NJ169).

COUNTY: Hudson

LEGISLATIVE DISTRICT: 32

MUNICIPALITY: Kearny Town

SPONSOR: Kearny Town

MILEPOST(S): N/A

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): AQ2 (Exempt)

ASSET MANAGEMENT CATEGORY: Multimodal Programs: Bicycle/Pedestrian

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	ERC	DEMO	\$1.677									

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Route 3, Bridge over Northern Secondary & Ramp A

DB#: 08346 / UPC#: 083460

The bridge is located in North Bergen Township, Hudson County. The bridge is functionally obsolete with sufficiency rating of 48. Based on latest inspection report condition of deck, superstructure and substructure is listed as in fair condition. The bridge is classified as “Functionally Obsolete” due to inadequate lateral underclearance and the substandard deck geometry. Currently, the bridge is listed as Priority 2 in the ranking of Bridge Management System. The bridge needs major rehabilitation/replacement including improvements to substandard geometric features to address its marginal structural condition and functional obsolescence.

Total construction funding needed is expected to be \$18,250,000.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 32

MUNICIPALITY: North Bergen Twp

SPONSOR: NJDOT

MILEPOST(S): 10.74

STRUCTURE NO.: 0908153

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S19 (Exempt)

ASSET MANAGEMENT CATEGORY: Bridge Assets: Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	DES	NHPP	\$2.500									
NJTPA	ROW	NHPP		\$1.000								
NJTPA	CON	STATE				\$18.250						

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Route 7, Bridge over CONRAIL

DB#: 10340 / UPC#: 103400

This is a superstructure replacement project that includes minor repairs made to substructure. Improvements to roadway approaches are anticipated. Total construction funding needed is expected to be \$13,100,000.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 32

MUNICIPALITY: Kearny Town

SPONSOR: NJDOT

MILEPOST(S): 2.4 - 2.6

STRUCTURE NO.: 0910153

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S19 (Exempt)

ASSET MANAGEMENT CATEGORY: Bridge Assets: Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	CON	NHPP	\$13.100									

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Route 7, Kearny, Drainage Improvements

DB#: 93186 / UPC#: 950652

The topography in the area is extremely flat with marshlands surrounding the roadway. This section of Rt. 7 is generally uncurbed. Roadway runoff is collected through inlets or sheet flow, discharging directly into the marshlands. During moderate and heavy storms, in addition to high tide, the runoff overflows the banks onto the roadway and adjacent properties. DMS Rank 34.

This project is multi-year funded. Total construction funding needed is expected to be \$28,720,000.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 32

MUNICIPALITY: Kearny Town

SPONSOR: NJDOT

MILEPOST(S): 1.7 - 3.6

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S4 (Exempt)

ASSET MANAGEMENT CATEGORY: Road Assets: Drainage

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	DES	NHPP		\$2,000								
NJTPA	ROW	STATE				\$1,000						
NJTPA	CON	STATE						\$16,720	\$12,000			

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Route 280, Route 21 Interchange Improvements

DB#: 00314 / UPC#: 003140

West of the Stickel Bridge, the approach interchanges and ramps have four deficient bridges and also operational and safety problems due to lack of speed change lanes, shoulders and many ingress/egress decision points within very short distances. Existing partial interchanges result in missing directional links from the Newark central business district to the I-280 corridor. Preliminary analysis has resulted in concepts that would rehabilitate or replace this bridges and add, relocate or remove ramps and/or add auxiliary lanes and shoulders to I-280.

This project is mult-year funded. Total construction funding needed is expected to be \$119,000,000.

COUNTY: Essex Hudson

LEGISLATIVE DISTRICT: 29 32

MUNICIPALITY: Newark City Harrison Town

SPONSOR: NJDOT

MILEPOST(S): 13.80 - 15.20

STRUCTURE NO.: Various

FINANCIAL PLAN REQUIREMENT: This project is part of a project with a total cost between \$100 and \$500 million programmed to receive federal financial assistance and an annual financial plan is required to be prepared.

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): 2020M (Non-Exempt)

ASSET MANAGEMENT CATEGORY: Bridge Assets: Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	CON	NHPP			\$11.150	\$49.890	\$57.960					

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Route 440, Bayonne Bridge Navigational Clearance Project

DB#: N1301 / UPC#: 133420

This project entails increasing the air draft of the Bayonne Bridge by raising the roadway within the existing arch span by 64 feet, from 151 feet to 215 feet. Additionally, the new roadway will be wider (to better conform to AASHTO standards), and the 6-foot wide pedestrian walkway will be widened to a 12-foot wide shared-use path accommodating pedestrians and cyclists. A new higher roadway will be constructed within the existing constraints on the main span. The existing approach roads will be demolished and new, wider approaches will be constructed. The new approaches will have 8-foot wide outside shoulders and 4-foot wide inside shoulders. During construction, the median will be removable channelizer posts. Once the full bridge is completed, jersey barriers will be used in the median. The existing toll plaza will be demolished and replaced. Estimated duration of construction is about 3.5 years, during which time traffic will be reduced to one 12.5-foot lane per direction, with nightly road closures and 8 full weekend closures per year. ITS sign structures (including VMS, VSLS, CCTV and road sensors) will be constructed along the rehabilitated roadway. (On the NY side the project is in The City of New York, Richmond County.)

This project is mult-year funded. Total construction funding needed is expected to be \$1,000,000,000.

COUNTY: Hudson

LEGISLATIVE DISTRICT: 31

MUNICIPALITY: Bayonne

SPONSOR: PANYNJ

MILEPOST(S): 12.02-12.78

STRUCTURE NO.:

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S19 (Exempt)

ASSET MANAGEMENT CATEGORY: Bridge Assets: Bi-State Bridges

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
NJTPA	ERC	OTHER	\$230.000	\$230.000	\$230.000	\$230.000						