

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

New Providence Downtown Streetscape

DB#: 09341 / UPC#: 093410

The Downtown Improvement Project Phase 2 will be executed at multiple locations along Passaic Street, South Street and Springfield Avenue in order to improve pedestrian safety. The work includes installation of flashing lights in the roadways, additional signage, new curbing, concrete sidewalk, pavers, driveway modification, drainage modifications, lighting foundations, lights and poles, banners, trees, landscaping and installation of related site appurtenances.

Total construction funding needed is expected to be \$245,000. The following special federal appropriation has been allocated for this project \$245,000 (NJ287).

COUNTY: Union

LEGISLATIVE DISTRICT: 21

MUNICIPALITY: New Providence Boro

SPONSOR: New Providence

MILEPOST(S): N/A

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): O5, AQ2 (Exempt)

ASSET MANAGEMENT CATEGORY: Local System Support: Transportation Enhancements

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	\$0.245									

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North Avenue Corridor Improvement Project (NACI)

DB#: 06318F / UPC#: 088005

This project consists of Section 1, 3 and 4 of the four sections of the NACI project. It will result in final design for all four sections, and construction of Sections 1, 3 and 4 providing direct ramp connections from North Avenue to Jersey Gardens Boulevard, construction of a flyover of the Kapkowski Road/North Avenue intersection, and grade separation of the North Avenue/Dowd Avenue and North Avenue/Division Street intersections. The new ramp connections and grade separations will reduce traffic at two major intersections, eliminate one of the three signalized intersections, eliminate a dangerous weave condition for eastbound North Avenue traffic attempting to access the current Jersey Gardens on-ramp, and bolster bi-directional flow in support of future port-related and commercial uses. North Avenue is a key east-west thoroughfare that lies between the intersections of US 1&9 and the Port Authority Marine Terminals at Port Newark and Elizabeth. It is a critical link that connects State and Interstate highways, NJ Turnpike Interchange 13A, Newark Liberty International Airport, the Marine Terminal Complex and major warehouse/distribution facilities, industrial parks and retail/commercial centers.

This project is multi-year funded. Total construction funding needed is expected to be \$153,506,000. The following special federal appropriations have been allocated for this project \$2,050,199 (NJ027); \$4,566,726 (NJ200); \$1,001,475 (NJ258); and \$9,061,390 (NJ272).

COUNTY: Union

LEGISLATIVE DISTRICT: 20

MUNICIPALITY: Elizabeth City

SPONSOR: PANYNJ

MILEPOST(S): N/A

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

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

ASSET MANAGEMENT CATEGORY: Congestion Relief: Missing Links

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	\$14.066									
NJTPA	ERC	OTHER	\$45.000	\$45.000	\$45.000							

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Tremley Point Connector Road

DB#: 9324A / UPC#: 058050

The Tremley Point Connector Road is a new four-lane, predominantly pile-supported, approximately 1.1 mile long roadway/bridge that will cross the Rahway River, featuring two 12-foot lanes in each direction and 3-foot wide right shoulders. The redevelopment of the Tremley Point area of Linden has been the subject of numerous reports and analysis. The local roadway system in Linden is unable to support the increase in truck traffic anticipated by the redevelopment of the Tremley Point Brownfield into more than six million square feet of warehouse and distribution space. The Tremley Point area is located less than 10 miles from Port Elizabeth, Newark and Newark Liberty International Airport. The NJ Turnpike is currently advancing the Environmental Assessment document with the USCG for a Connector Road from Tremley Point in Linden to Industrial Highway in Carteret, which has access to NJ Turnpike Interchange 12.

Total construction funding needed is expected to be \$120,061,000. The following special federal appropriation has been allocated for this project \$90,588,897 (NJ272).

COUNTY: Union Middlesex

LEGISLATIVE DISTRICT: 22 19

MUNICIPALITY: Linden City Carteret Boro

SPONSOR: NJTA/Union County

MILEPOST(S): N/A

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

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

ASSET MANAGEMENT CATEGORY: Multimodal Programs: Goods Movement

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	\$9.061									
NJTPA	ERC	OTHER	\$111.000									

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Route 22, Bloy Street to Liberty Avenue

DB#: 658C / UPC#: 058004

This project is a replacement of the structurally deficient Bloy Street Bridge over Rt. 22. Improvements will be made to the acceleration and deceleration lanes on Rt. 22 to improve safety and to facilitate truck turning movements.

Total construction funding needed is expected to be \$7,700,000.

COUNTY: Union

LEGISLATIVE DISTRICT: 20

MUNICIPALITY: Hillside Twp

SPONSOR: NJDOT

MILEPOST(S): 56.90 - 57.30

STRUCTURE NO.: 2004152

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	\$1.500									
NJTPA	ROW	NHPP		\$2.000								
NJTPA	CON	STATE				\$7.700						

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Route 22, Chestnut Street Bridge Replacement (CR 626)

DB#: 04361 / UPC#: 043610

This is a project to replace the structurally deficient and functionally obsolete Route 22 Bridge over Chestnut Street, Structure No. 2003-166, located just west of Garden State Parkway interchange with Route 22, in Union Twp, Union County. The bridge carries two lanes in each direction of mainline Rt 22 EB and WB traffic. Two temporary bridges, one each to the north and south of the existing bridge, will be utilized during construction of the new bridge to maintain two lanes of traffic in each direction on Route 22.

Total construction funding needed is expected to be \$14,376,000.

COUNTY: Union

LEGISLATIVE DISTRICT: 20

MUNICIPALITY: Union Twp

SPONSOR: NJDOT

MILEPOST(S): 55.20 - 54.80

STRUCTURE NO.: 2003166

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	ROW	NHPP	\$2.530									
NJTPA	CON	NHPP			\$14.376							

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Route 22, Eastbound, Auxiliary Lane between U-Turns H and G

DB#: 02374C / UPC#: 108020

This project proposes a 15 foot auxiliary lane on Eastbound of Route 22 between U-turns H and G. The proposed auxiliary lane will be widening the existing inside shoulder into the median island business area by 5 to 7 feet. New drainage inlet will be constructed and will comply with the NJDEP Storm Water regulation. Utility poles will be relocated and driveways will be modified.

Total construction funding needed is expected to be \$1,600,000.

COUNTY: Union

LEGISLATIVE DISTRICT: 21 20

MUNICIPALITY: Springfield Twp Union Twp

SPONSOR: NJDOT

MILEPOST(S): 53.0 -53.3

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

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

ASSET MANAGEMENT CATEGORY: Safety Management: Safety 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	HSIP	\$1.600									

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Route 22, Garden State Parkway/Route 82 Interchange Improvements

DB#: 658A / UPC#: 058002

This project will improve safety and geometric deficiencies and streamline access within the interchange by removing weaving sections. The project will also include widening and deck replacement for structure no. 2004-159.

Total construction funding needed is expected to be \$12,900,000.

COUNTY: Union

LEGISLATIVE DISTRICT: 20

MUNICIPALITY: Union Twp

SPONSOR: NJDOT

MILEPOST(S): 55.26 - 56.16

STRUCTURE NO.: 2004159

FINANCIAL PLAN REQUIREMENT:

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

ASSET MANAGEMENT CATEGORY: Safety Management: Safety 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	PE	NHPP		\$1.000								
NJTPA	DES	NHPP				\$2.500						
NJTPA	ROW	STATE					\$0.500					
NJTPA	CON	NHPP							\$12.900			

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Route 22, Hilldale Place/North Broad Street

DB#: 658E / UPC#: 058006

This project addresses the Rt. 22 Hilldale Place Ramp Connection Bridge which is in poor condition due to the deck and substructure condition. The project will correct existing geometric deficiencies, the substandard mainline curve and negative superelevation, which cause crashes. To address access issues an eastbound entrance ramp will be constructed.

Total construction funding needed is expected to be \$7,000,000.

COUNTY: Union

LEGISLATIVE DISTRICT: 20

MUNICIPALITY: Hillside Twp

SPONSOR: NJDOT

MILEPOST(S): 58.00 - 58.10

STRUCTURE NO.: 2004155 2004157 2004156

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	ROW	NHPP	\$1.000									
NJTPA	CON	NHPP			\$7.000							

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Route 22, Middle Brook to Westfield Road

DB#: 11331 / UPC#: 113310

This is a pavement resurfacing project covering eastbound MP 37.4 to 44.0; westbound MP 37.4 to 42.0, MP 44.4 to 47.8. Bridgewater Twp., Green Brook Twp., North Plainfield Boro., Watchung Boro., and Scotch Plains Twp.

The condition of the exiting pavement is in fair condition within the project limits, exhibiting medium-severity reflection cracking, low-medium severity fatigue cracking, transverse cracking, longitudinal cracking, rutting, potholes and patches. Based on field testing, the proposed recommendation will include Mill 2" and Pave 2" on the mainline and left/outside shoulders, Mill 4" and Pave 4" on ramps.

Total construction funding needed is expected to be \$13,630,000.

COUNTY: Somerset Union

LEGISLATIVE DISTRICT: 23 22

MUNICIPALITY: Various

SPONSOR: NJDOT

MILEPOST(S): 37.40 - 47.80

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S10 (Exempt)

ASSET MANAGEMENT CATEGORY: Road Assets: Highway Resurfacing

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	\$13.630									

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Route 22, W. of Robin Hood Rd. to E. of Fairway Dr., Pavement Various Locations

DB#: 10326 / UPC#: 103260

Initiated from the Pavement Management System, this project will resurface various locations in both directions within the project limits.
 Total construction funding needed is expected to be \$6,740,000.

COUNTY: Union

LEGISLATIVE DISTRICT: 21

MUNICIPALITY: Springfield Twp Mountainside Boro

SPONSOR: NJDOT

MILEPOST(S): EB: 52.18-54.8, WB: 49.0-54.80

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S10 (Exempt)

ASSET MANAGEMENT CATEGORY: Road Assets: Highway Rehab and Recon

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										
												\$6.740

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Route 22, Westbound, Vicinity of Vaux Hall Road to West of Bloy Street

DB#: 658B / UPC#: 058003

Project consists of safety and operational improvements by providing a foreshortened deceleration lane for Route 22 westbound exit ramp to Vauxhall Road and adding eastbound acceleration lane from Sayre Road that will allow traffic to safely exit/merge with mainline traffic. Upgrades to ramp radius will be investigated.

DB 658B1 was broken out of this project in 12/08, and will address the eastbound side of Rt. 22.
 Total construction funding needed is expected to be \$4,500,000.

COUNTY: Union

LEGISLATIVE DISTRICT: 20

MUNICIPALITY: Union Twp

SPONSOR: NJDOT

MILEPOST(S): 56.00 - 56.43

STRUCTURE NO.: 2004150

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S5, NR4 (Exempt)

ASSET MANAGEMENT CATEGORY: Safety Management: Safety 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	DES	HSIP	\$0.750									
NJTPA	ROW	HSIP			\$0.290							
NJTPA	CON	HSIP					\$4.500					

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Route 27, Grand Street NB Intersection

DB#: 12437 / UPC#: 124370

This location is a four legged signalized intersection in Elizabeth, New Jersey. Route 27 is one-way in the northbound direction with two lanes shared through-right and through-left lanes. Eastbound Grand Street is one lane with a shared through-left lane. Westbound Grand Street is a single lane approach providing for through and right turns.

Total construction funding needed is expected to be \$2,250,000.

COUNTY: Union

LEGISLATIVE DISTRICT: 20

MUNICIPALITY: Elizabeth City

SPONSOR: NJDOT

MILEPOST(S): 33.96

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

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

ASSET MANAGEMENT CATEGORY: Safety Management: Intersection Improvement Program

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	NHPP		\$0.450								
NJTPA	DES	NHPP				\$0.400						
NJTPA	CON	NHPP					\$2.250					

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Route 78, PA State Line to NJ Turnpike, ITS Improvements

DB#: 06360 / UPC#: 063600

A Problem Statement has been received indicating that this route is severely congested, experiencing significant recurring and non-recurring delays. This is also a major truck corridor, including direct connections into Port of New York and New Jersey facilities and the Newark/Liberty Airport. Reconstruction of the interstate to add through lanes and improved ingress/egress would be at a significant cost and would have adverse impacts to adjacent properties and the environment. An interim improvement is proposed to use ITS technologies including surveillance cameras, dynamic message signs, speed/travel time detection, ramp metering, HOT lanes and other emerging technologies to mitigate congestion and provide for improved incident management.

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

COUNTY: Hunterdon Somerset Union Essex

LEGISLATIVE DISTRICT: Various

MUNICIPALITY: Various

SPONSOR: NJDOT

MILEPOST(S): 25.0 - 59.0

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

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

ASSET MANAGEMENT CATEGORY: Congestion Relief: Intelligent Transportation Systems

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	CMAQ			\$0.500							
NJTPA	DES	CMAQ					\$0.300					
NJTPA	CON	CMAQ						\$0.500				

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Route 82, Caldwell Avenue to Lehigh Avenue

DB#: 11404 / UPC#: 114040

The Pedestrian Safety Evaluation for Rt 82 (MP 1.87 to 4.00), as part of the Pedestrian Safe Corridor Program, identified specific pedestrian safety deficiencies and countermeasures to remove barriers that prohibit safe walking primarily at intersections. At appropriate locations, these measures include, installing pedestrain countdown signal heads, installing ADA-compliant ramps, revising traffic signal timings for appropriate pedestrian clearance times, clearly defining school zones, etc.

Total construction funding needed is expected to be \$2,650,000.

COUNTY: Union

LEGISLATIVE DISTRICT: 20

MUNICIPALITY: Union Twp

SPONSOR:

MILEPOST(S): 1.87 - 4.00

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	PE	HSIP	\$0.800									
NJTPA	DES	HSIP			\$0.600							
NJTPA	CON	HSIP					\$2.650					

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Route 278, Goethals Bridge Replacement

DB#: N1205 / UPC#: 123770

Replacement of the existing Goethals Bridge between Elizabeth, NJ and Staten Island, NY along the I-278 Corridor. Pursuant to the Record of Decision by the US Coast Guard in January 2011 concluding the NEPA review process, the Port Authority is advancing plans for replacement of the existing bridge opened in 1928. The preferred alternative is a full replacement on an alignment immediately to the south of the current bridge, tying into the existing roadway connections in both states. The existing bridge will remain in service during construction of the new crossing, and will be demolished after the replacement bridge opens.

The existing structure has two 10-foot-wide lanes in each direction (eastbound and westbound) separated by a median, with no shoulders, and no pedestrian/bikeway accommodation. The existing free flow speed is 45 mph. The new bridge will include separate roadway decks for eastbound and westbound travel, each providing three 12-foot-wide lanes, one 12-foot-wide outer shoulder, and one 5-foot-wide inner shoulder. The new bridge will also include a pedestrian/bikeway. Project specifications assure the design will not preclude addition of future mass transit service across the bridge (by providing sufficient right-of-way between the east and westbound roadways for a potential future transit system). The free flow speed for the new bridge will be 60 mph. The new structure also will incorporate seismic protection, security, and comprehensive ITS features. Total project length is approximately 1.5 miles, between NJ Turnpike and the Staten Island Expressway.

Consistent with the Port Authority commitment for self-financing its surface transportation projects, the project has been included in the NJTPA TIP Appendix and in the regional transportation network for conformity purposes. Subsequently, the agency has initiated development of a public-private partnership option to implement the project through an innovative Design-Build-Finance-Maintain (DBFM) approach. PANYNJ has applied for a federal TIFIA loan as part of the P3 financing package. The loan application is under active consideration by the Federal Highway Administration. FHWA has advised that inclusion of a candidate project in the respective MPO TIPs and respective State STIPS is a condition of eligibility for TIFIA assistance. The project has been included in the TIP for the New York Metropolitan Transportation Council, and in the New York State STIP. (NY Structure No. 5523059, 52305A, 552305B.)

This project is mult-year funded. Total construction funding needed is expected to be \$1,405,000,000.

COUNTY: Union

LEGISLATIVE DISTRICT: 20

MUNICIPALITY: Elizabeth City

SPONSOR: PANYNJ

MILEPOST(S): NJ: 1.340 - 2.00, NY: 0.0 - 0.850

STRUCTURE NO.: 3800001 3800002 3800071 3800072

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): 2020M (Non-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	PE	OTHER	\$40.000	\$30.000	\$15.000							
NJTPA	CON	OTHER	\$170.000	\$170.000	\$485.000							
NJTPA	ERC	OTHER	\$140.000	\$140.000	\$220.000							