

# FY 2020 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

### Union County

<b>Program/Project Name</b>	<b>Project ID Numbers: 17339 / 173390</b>
<b>Kapkowski Road - North Avenue East Improvement Project</b>	

This project involves the traffic signal and roadway improvements to five existing antiquated signalized intersections to current MUTCD standards in the City of Elizabeth. The intersections include the following locations: North Avenue East / Dowd Avenue / Division Street; Intersection; Veterans Memorial Drive / Trumbull Street / Third Street Intersection; Division Street / Trumbull Street Intersection, and Underpass Road Lowering; Trumbull Street / Dowd Avenue Intersection; and North Avenue East / Kapkowski Road Intersection. This project is to improve visibility of motorists, reposition traffic and pedestrian signals to more appropriate locations by installing new traffic signal poles and mast arms, installing video detection and CCTV on the mast arms, upgrade pedestrian signals to count down type push button activation, upgrade the signals to Light Emitting Diodes (LED), replace the existing traffic signal controllers and cabinets, install public sidewalk curb ramps with detectable warning surfaces where possible, add mast-arm mounted LED street name signs, replace the existing regulatory signs with signs conforming to the MUTCD Manual, improve drainage, curbing, sidewalks, roadway subbase, repaving, and restripe the crosswalks, stop bars and roadway center lines. The project also includes the lowering of the roadway under the Central Railroad bridge at the Division Street / Trumbull Street intersection to allow for a 14'-6" clearance. The current clearance is 12'-6". The improved clearance will eliminate a bottleneck and allow trucks to safely navigate this important area and avoid detours into residential neighborhoods. The underpass has a history of being struck by trucks.

The following federal appropriations were allocated to this project: DEMO ID# NJ272, DEMO ID# NJ200, DEMO ID# NJ258.

**COUNTY:** Union

**MUNICIPALITY:** Elizabeth City

**MILEPOSTS:** N/A

**STRUCTURE NO.:** N/A

**LEGISLATIVE DISTRICT:** 20

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Local System Support

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
NJTPA	CD	DEMO	43	\$510,000

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<i>Program/Project Name</i>	<i>Project ID Numbers: 14330 / 143300</i>
<b>Route 22, Bridge over Echo Lake</b>	

Initiated by the Bridge Management System, this project will replace the structurally deficient bridge, built in 1929.

**COUNTY:** Union

**MUNICIPALITY:** Mountainside Boro

**MILEPOSTS:** 50.74-50.74

**STRUCTURE NO.:** 2003157

**LEGISLATIVE DISTRICT:** 21

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Bridge Assets

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
NJTPA	ROW	STATE	234	\$300,000

<i>Program/Project Name</i>	<i>Project ID Numbers: 658A / 058002</i>
<b>Route 22/Route 82/Garden State Parkway Interchange</b>	

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 the Route 22 Westbound Bridge over Route 82.

**COUNTY:** Union

**MUNICIPALITY:** Union Twp

**MILEPOSTS:** 55.26 - 56.16

**STRUCTURE NO.:** 2004159

**LEGISLATIVE DISTRICT:** 20

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Safety Management

**CORE MISSION:** Safety

MPO	Phase	Fund	Item#	Amount
NJTPA	UTI	STATE	235	\$250,000

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<b>Program/Project Name</b>	<b>Project ID Numbers: 15371 / 153710</b>
<b>Route 27, Dehart Place to Route 21</b>	

Initiated from the Pavement Management System, this project will resurface within the project limits. Construction of ADA compliant curb ramps at each intersection where a sidewalk exists will be built at all intersections. Damaged sidewalks will be repaired and drainage grate inlets will be replaced with bicycle safe grates.

**COUNTY:** Union, Essex

**MUNICIPALITY:** Elizabeth City, Newark City

**MILEPOSTS:** 33.4-38.53

**STRUCTURE NO.:** N/A

**LEGISLATIVE DISTRICT:** 20, 28, 29

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Road Assets

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
NJTPA	CON	NHPP	110	\$13,264,000

<b>Program/Project Name</b>	<b>Project ID Numbers: 11404 / 114040</b>
<b>Route 82, Caldwell Avenue to Lehigh Avenue</b>	

The Pedestrian Safety Evaluation for Route 82, 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 pedestrian countdown signal heads, installing ADA-compliant ramps, revising traffic signal timings for appropriate pedestrian clearance times, clearly defining school zones, etc. Pavement resurfacing will also be performed within the project limits.

**COUNTY:** Union

**MUNICIPALITY:** Union Twp

**MILEPOSTS:** 1.87 - 4.00

**STRUCTURE NO.:** N/A

**LEGISLATIVE DISTRICT:** 20

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Safety Management

**CORE MISSION:** Safety

MPO	Phase	Fund	Item#	Amount
NJTPA	CON	HSIP	137	\$10,207,308

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<i>Program/Project Name</i>	<i>Project ID Numbers: 94019 / 950452</i>
<b>Route 82, Rahway River Bridge</b>	

Initiated by the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built in 1872. The bridge also has flooding problems. The project will provide a 60' precast arch bridge with stone masonry facade. Flooding mitigation is inherent in the structural alternative, which will result in Initiated by the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built in 1872. The bridge also has flooding problems. The project will provide a 60' precast arch bridge with stone masonry facade. Flooding mitigation is inherent in the structural alternative, which will result in decreased flood levels and arch barrel clogging at the structure. In terms of community and environment, the historic and architectural features are fully preserved.

**COUNTY:** Union

**MUNICIPALITY:** Springfield Twp

**MILEPOSTS:** 0.38

**STRUCTURE NO.:** 2012150

**LEGISLATIVE DISTRICT:** 21

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Bridge Assets

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
NJTPA	DES	NHPP	138	\$1,800,000

<i>Program/Project Name</i>	<i>Project ID Numbers: 15395 / 153950</i>
<b>Route 439, Route 28 (Westfield Ave) to Route 27 (Newark Ave)</b>	

Initiated from the Pavement Management System, this project will resurface within the project limits.

**COUNTY:** Union

**MUNICIPALITY:** Elizabeth City, Union Twp, Hillside Twp

**MILEPOSTS:** 2.0-3.95

**STRUCTURE NO.:** N/A

**LEGISLATIVE DISTRICT:** 20, 33

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Road Assets

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
NJTPA	DES	NHPP	150	\$750,000