

# FY 2022 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

### Mercer County

**Program/Project Name**

**Project ID Numbers: D2023 / 213590**

**Circulation Improvements Around Trenton Transit Center**

The project includes road diets and intersection channelization in the vicinity of the Trenton Transportation Center to improve mobility for bicyclists and pedestrians. The project will realign US-1 on-ramps and close the Chestnut Avenue Bridge to vehicular traffic.

**COUNTY:** Mercer

**MUNICIPALITY:** Trenton City

**MILEPOSTS:** N/A

**STRUCTURE NO.:** N/A

**LEGISLATIVE DISTRICT:** 15

**SPONSOR:**

**CIS PROGRAM CATEGORY:** Multimodal Programs

**CORE MISSION:** Mobility and Congestion Relief

MPO	Phase	Fund	Item#	Amount
DVRPC	PE	STBGP-TRENTON	26	\$160,000

**Program/Project Name**

**Project ID Numbers: D2014 / 213270**

**CR 622 (North Olden Ave), NJ 31 (Pennington Rd) to New York Ave**

Improvements will enhance safety, traffic operations and mobility for all users of the N. Olden Avenue corridor including motorists, pedestrians, bicyclists, and transit users. Per the preliminary preferred alternative (PPA) 2A, improvements will include: 11' travel lanes; 5' bike lane with 2' buffer, and 6-7' sidewalk along Olden Ave between Pennington Rd and Princeton Ave; an 8' wide curbed center median; a total of (4) roundabouts at Parkside Ave, Prospect Ave, Arctic Pkwy, and Capitol Plaza; two (2) proposed HAWK signals; restriping of the New York Ave intersection approach to provide 2 WB throughlanes; installation of Rapid Rectangular Flashing Beacons at unsignalized intersections in the City of Trenton; the restriping of Brunswick Ave EB and WB approaches to include left-turn lanes; connection to future Calhoun Street Extension at the Capitol Plaza roundabout; and high-visibility crosswalks. This project graduated from the DVRPC Local Concept Development Program.

**COUNTY:** Mercer

**MUNICIPALITY:** Ewing Township, City of Trenton

**MILEPOSTS:** 3.73 - 5.56

**STRUCTURE NO.:** N/A

**LEGISLATIVE DISTRICT:** 15

**SPONSOR:**

**CIS PROGRAM CATEGORY:** Local System Support

**CORE MISSION:** Safety

MPO	Phase	Fund	Item#	Amount
DVRPC	PE	STBGP-TRENTON	32	\$1,500,000

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## New Jersey Department of Transportation Projects

### Mercer County

<b>Program/Project Name</b>	<b>Project ID Numbers: D2205 / 223040</b>
<b>D&amp;R Greenway Connector, Wellness Loop to Union St./Cooper Field (Circuit)</b>	

The project will construct a multi-use trail from Wellness Loop to Union Street adjacent to Cooper Field. The trail segment is part of The Circuit, a planned 800+ mile interconnected network of multi-use trails spanning Greater Philadelphia with Philadelphia and Camden as its hub.

**COUNTY:** Mercer

**MUNICIPALITY:** Trenton City

**MILEPOSTS:**

**STRUCTURE NO.:** N/A

**LEGISLATIVE DISTRICT:** 15

**SPONSOR:**

**CIS PROGRAM CATEGORY:** Local System Support

**CORE MISSION:** Mobility and Congestion Relief

MPO	Phase	Fund	Item#	Amount
DVRPC	CON	HWIZ905-TRENTON	39	\$563,000
DVRPC	CON	STBGP-TRENTON	39A	\$348,000

<b>Program/Project Name</b>	<b>Project ID Numbers: 15322 / 153220</b>
<b>Delaware &amp; Raritan Canal Bridges</b>	

Initiated by the Bridge Management System, this program provides funding for improvements to structures along the Delaware and Raritan (D&R) Canal. Locations include, but are not limited to: Carnegie Road, Bridge over D&R Feeder Canal; County Route (CR) 571 (Washington Road), Bridge over D&R Canal; Landing Lane (CR 609), Bridge over D&R Canal, Route 206, Bridge over D&R Feeder Canal; Hermitage Avenue, Bridge over D&R Feeder Canal; River Drive, Bridge over D&R Feeder Canal; Bridge over D&R Canal at Lock No. 3; Coryell Street, Bridge over D&R Feeder Canal; CR 533 (Quaker Road), Bridge over D&R Canal; Manville Causeway (CR 623), Bridge over D&R Canal; Griggstown Causeway (CR 632), Bridge over D&R Canal; CR 527 (Main Street), Bridge over D&R Canal; and Chapel Drive at CR 623, Bridge over D&R Canal.

**COUNTY:** Mercer, Hunterdon, Middlesex, Somerset

**MUNICIPALITY:** Various

**MILEPOSTS:** N/A

**STRUCTURE NO.:** Various

**LEGISLATIVE DISTRICT:** 15, 16, 17

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Bridge Assets

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
Statewide	ERC	STBGP-FLEX	41	\$776,400
Statewide	ERC	STBGP-OS-BRDG	41A	\$7,000,000

# FY 2022 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

### Mercer County

<b>Program/Project Name</b>	<b>Project ID Numbers: 99334 / 993340</b>
<b>Duck Island Landfill, Site Remediation</b>	

The NJDOT completed construction that properly sealed the site of the landfill in 2001. NJ Department of Environmental Protection requires continued monitoring of the site due to contamination levels at the landfill. This monitoring requirement is typical for a landfill with contamination.

**COUNTY:** Mercer

**MUNICIPALITY:** Hamilton Twp

**MILEPOSTS:** N/A

**STRUCTURE NO.:** N/A

**LEGISLATIVE DISTRICT:** 14

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Road Assets

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
DVRPC	EC	STATE	202	\$100,000

<b>Program/Project Name</b>	<b>Project ID Numbers: D1011</b>
<b>Mercer County Bus Purchase</b>	

This program will provide for the purchase of buses and bus equipment for transportation services programs in Mercer County.

**COUNTY:** Mercer

**MUNICIPALITY:** Various

**MILEPOSTS:** 0

**STRUCTURE NO.:** N/A

**LEGISLATIVE DISTRICT:** Various

**SPONSOR:** Mercer County

**CIS PROGRAM CATEGORY:** Local System Support

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
DVRPC	EC	CMAQ	65	\$915,000

**FY 2022 TRANSPORTATION CAPITAL PROGRAM**

**New Jersey Department of Transportation Projects**

**Mercer County**

<i>Program/Project Name</i>	<i>Project ID Numbers: D1601 / 163170</i>
<b>New Jersey Regional Signal Retiming Initiative</b>	

This project reduces congestion and improves air quality by optimizing progression on signalized 500 and 600 routes in DVRPC’s New Jersey counties. These improvements are designed to enhance mobility and promote integrated corridor management strategies. Corridors will be selected by representatives of DVRPC member governments, DVRPC, and NJDOT, with reference to the current Regional Transportation Operations Master Plan and other appropriate data. After obtaining supportive MOUs from signal owner-operators along a selected corridor, signal timing plans will be developed and implemented by consultants to DVRPC for peak hour, off-peak, weekend, event, and emergency operations, as appropriate. After implementation, signal system owner-operators will be responsible for maintaining the timing plan and implementing related physical improvements, if recommended

**COUNTY:** Burlington, Camden, Gloucester, Mercer

**MUNICIPALITY:** Various

**MILEPOSTS:** N/A

**STRUCTURE NO.:** N/A

**LEGISLATIVE DISTRICT:** Various

**SPONSOR:** DVRPC

**CIS PROGRAM CATEGORY:** Congestion Relief

**CORE MISSION:** Mobility and Congestion Relief

MPO	Phase	Fund	Item#	Amount
DVRPC	PLS	CMAQ	70	\$350,000
DVRPC	PLS	STBGP-PHILA	70A	\$30,000

<i>Program/Project Name</i>	<i>Project ID Numbers: 18305 / 183050</i>
<b>Prospect Street, Bridge over Belvidere-Delaware RR (Abandoned)</b>	

Initiated from the Bridge Management System, this project will rehabilitate the structurally deficient bridge, built in 1913.

**COUNTY:** Mercer

**MUNICIPALITY:** Trenton City

**MILEPOSTS:** 0.18

**STRUCTURE NO.:** 1151162

**LEGISLATIVE DISTRICT:** 15

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Bridge Assets

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
DVRPC	PE	STBGP-FLEX	83	\$900,000

**FY 2022 TRANSPORTATION CAPITAL PROGRAM**

**New Jersey Department of Transportation Projects**

**Mercer County**

<i>Program/Project Name</i>	<i>Project ID Numbers: 99362 / 993620</i>
<b>Trenton Amtrak Bridges</b>	

The three Orphan Bridges carrying Chestnut Avenue, East State and Monmouth Streets over Amtrak are in poor condition. All of the bridges are structurally deficient and functionally obsolete. The bridges and approach roadways include a variety of substandard design elements, including substandard vertical and horizontal clearances, intersection sight distances and unprotected bridge girders. The City of Trenton supports the current two bridge option, which replaces East State Street and Monmouth Street Bridges. Chestnut Avenue Bridge will be removed/demolished. The two bridges will be replaced with single-span, ABC (Accelerated Bridge Construction) systems. Retaining walls are included in the project to minimize impacts to properties. Catenaries will be removed from the existing bridges and up to six new catenary structures will be constructed to re-profile the electric traction facilities.

**COUNTY:** Mercer

**MUNICIPALITY:** Trenton City

**MILEPOSTS:** CR 635: 0.19-0.31

**STRUCTURE NO.:** 1149163

**LEGISLATIVE DISTRICT:** 15

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Bridge Assets

**CORE MISSION:** Infrastructure Preservation

<b>MPO</b>	<b>Phase</b>	<b>Fund</b>	<b>Item#</b>	<b>Amount</b>
DVRPC	ROW	STBGP-TRENTON	111	\$3,000,000

# FY 2022 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

### Mercer County

<b>Program/Project Name</b>	<b>Project ID Numbers: 17419 / 174190</b>
<b>Route 1, Alexander Road to Mapleton Road</b>	

Improvements will help relieve congestion at Route 1 from the “Dinky” railroad bridge to approximately Plainsboro Road by increasing the number of travel lanes from 3 to 4 lanes per direction on Route 1; provide shoulders, deceleration lanes, acceleration lanes, and turn lanes along the corridor for turning vehicles; widen Washington Road at Route 1 to relocate the merge of the 2-lane circle into a single Washington Road lane out of the intersection; increase the Route 1 southbound to Fisher Place jughandle turn; modify existing 3-phase signal at Route 1 and Harrison St. intersection to a 2-phase signal; and provide a Route 1 cross section with 4 lanes per direction at the Millstone River Bridge. This project in West Windsor (Mercer County) and Plainsboro (Middlesex County) is a derivative of the former Rt. 1/CR 571 Penns Neck project (DB #031). The magnitude and scope of work for the Rt. 1 Alexander Rd to Mapleton Rd project is greatly reduced from the Penns Neck project (\$150 M vs. \$35 M).

**COUNTY:** Mercer, Middlesex

**MUNICIPALITY:** West Windsor Twp, Plainsboro

**MILEPOSTS:** 10.8 - 12.07

**STRUCTURE NO.:** 1103155

**LEGISLATIVE DISTRICT:** 14, 15

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Congestion Relief

**CORE MISSION:** Mobility and Congestion Relief

MPO	Phase	Fund	Item#	Amount
DVRPC	ROW	CMAQ	118	\$7,500,000

<b>Program/Project Name</b>	<b>Project ID Numbers: 19360 / 193600</b>
<b>Route 27, Witherspoon Street</b>	

This project will improve pedestrian and bicyclist safety by making intersection improvements such as upgrading existing traffic signal equipment, revising the signal phasing/timings, and upgrading curb ramps to meet ADA requirements. Additional improvements will include milling and resurfacing of the intersection, adding curb extensions, modifying lane widths, and line striping.

**COUNTY:** Mercer

**MUNICIPALITY:** Princeton Township

**MILEPOSTS:** 0.26-0.26

**STRUCTURE NO.:** N/A

**LEGISLATIVE DISTRICT:** 16

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Safety Management

**CORE MISSION:** Safety

MPO	Phase	Fund	Item#	Amount
DVRPC	CON	CRRSAA-FLEX	141	\$950,000

# FY 2022 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

### Mercer County

<b>Program/Project Name</b>	<b>Project ID Numbers: 07319B / 123660</b>
<b>Route 29, Cass Street to Calhoun Street, Drainage</b>	

This project is a breakout of Route 29, Drainage Improvements (DB# 07319). Flooding and drainage problems have been reported along Route 29 in the southern section of the original parent project. Based on available information, it is perceived that storm sewer systems and the Delaware River are primary causes of the flooding. Approximately 14 Tideflex valves and a flood wall extension of about 200 feet in length would address flooding by preventing the Delaware River from backing up into the existing storm sewer pipe systems within the Route 29 right-of-way. With these improvements, various locations of the roadway will be protected from events ranging between the 15 and 50-year floods in the river's main channel.

**COUNTY:** Mercer

**MUNICIPALITY:** Trenton City

**MILEPOSTS:** 2.94 - 4.34

**STRUCTURE NO.:** N/A

**LEGISLATIVE DISTRICT:** 15

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Road Assets

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
DVRPC	ROW	STATE	266	\$732,000
DVRPC	CON	NHPP	145	\$12,220,000

<b>Program/Project Name</b>	<b>Project ID Numbers: 16339 / 163390</b>
<b>Route 130, Bridge over Millstone River</b>	

Initiated by the Bridge Management System, this project will replace the structurally deficient bridge, built in 1936.

**COUNTY:** Mercer, Middlesex

**MUNICIPALITY:** East Windsor Twp, Cranbury Twp

**MILEPOSTS:** 70.04

**STRUCTURE NO.:** 1123153

**LEGISLATIVE DISTRICT:** 14

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Bridge Assets

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
DVRPC	ROW	STATE	274	\$100,000