

# FY 2020 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

### Mercer County

<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	25	\$8,350,000

<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	173	\$100,000

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<b>Program/Project Name</b>	<b>Project ID Numbers: D1710 / 173920</b>
<b>Lincoln Ave/Chambers Street (CR 626), Bridge over Amtrak &amp; Assunpink Creek</b>	

Project will replace the Lincoln Avenue Bridge over Amtrak Northeast Corridor (NEC) rail line, an inactive rail yard, and Assunpink Creek. Proposed Improvements include the following listed:

1. Complete replacement of the structure to extend the life of the bridge, correct deficiencies, and meet current design requirements;
2. The structure will be replaced with steel multi-girders (structure depth of 51" and maximum girder spacing of 7');
3. The vertical profile and pier locations will be revised to provide the required horizontal and vertical clearance over the railroad tracks;
4. Standard 12-foot wide lanes, 8-foot wide shoulders, which can be used by bicyclists and as a standard bicycle lane, and 6-foot wide sidewalks for pedestrians on structure;
5. Architectural treatments, such as stone facing, veneer or form liners; galvanized and powder coated steel; aesthetic parapet or railing treatments; colored concrete; decorative lighting; etc. are also being considered.

No roadway widening is proposed. Easement agreements will be required for work that is performed outside of the existing right-of-way, such as grading and sidewalk repairs necessary to meet ADA compliance. Lincoln Avenue serves as an important connector across the aforementioned physical barriers and is the first crossing outside of the central business district of Trenton City. The structure, which was built in 1931 and reconstructed in 1965, was rated 'serious', or 3 on a 0 to 9 scale, with 9 being excellent condition and 0 being failed condition/closed facility. Despite its rating of 3, the bridge is still safe for travel. The rating is primarily due to the condition of the superstructure, which suffers from severely rusted steel throughout and large areas of spalled and delaminated concrete on the deck. The County performed short-term fixes on the structure including lighting, deck repairs and an asphalt overlay until the structure could be replaced.

**COUNTY:** Mercer

**MUNICIPALITY:** Trenton City

**MILEPOSTS:** 0.0-0.12

**STRUCTURE NO.:** 1100055

**LEGISLATIVE DISTRICT:** 15

**SPONSOR:** Mercer County

**CIS PROGRAM CATEGORY:** Local System Support

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
DVRPC	DES	STBGP-TRENTON	46	\$2,500,000

**FY 2020 TRANSPORTATION CAPITAL PROGRAM  
New Jersey Department of Transportation Projects  
Mercer County**

<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	51	\$756,000

<b>Program/Project Name</b>	<b>Project ID Numbers: D1601 / 163170</b>
<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	57	\$350,000

**FY 2020 TRANSPORTATION CAPITAL PROGRAM  
New Jersey Department of Transportation Projects  
Mercer County**

<b>Program/Project Name</b>	<b>Project ID Numbers: D1910 / 193680</b>
<b>Parkway Avenue (CR 634), Scotch Road (CR 611) to Route 31 (Pennington Road)</b>	

The project's primary goals include: reduce the frequency and severity of crashes within the project corridor; improve mobility and accessibility for bicyclists and pedestrians; and upgrade the corridor to comply with NJDOT, Mercer County, and municipal Complete Streets Policy. In November 2015, the CR 634 (Parkway Avenue) corridor from CR 611 (Scotch Road) to NJ 31 (Pennington Road) was identified as the top candidate in the NJDOT-led Regional Road Diet Pilot Program and as DVRPC's top candidate to advance to Concept Development. The proposed Preliminary Preferred Alternative (PPA) from the 2019 HSIP funded Concept Development study includes elements such as a 3-lane road diet throughout the corridor with TWLTL and bicycle lanes from Scotch Road to Parkside and 2-lane section with bike lanes from Parkside to Olden Avenue; retrofit signalized intersections where possible to accommodate new intersection approaches; and converting five (5) existing signalized intersections at Scotch Road, Lower Ferry Road, Farrell Avenue, Olden Avenue, and Pennington Road to modern roundabouts. Project will also consider improvements for intersections, substandard design elements, ADA compliancy, drainage, and signal upgrades.

**COUNTY:** Mercer

**MUNICIPALITY:** Ewing Twp, Trenton City

**MILEPOSTS:** 2.2-4.4

**STRUCTURE NO.:** N/A

**LEGISLATIVE DISTRICT:** 15

**SPONSOR:** Mercer County

**CIS PROGRAM CATEGORY:** Local System Support

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
DVRPC	PE	HSIP	65	\$1,613,000

# FY 2020 TRANSPORTATION CAPITAL PROGRAM

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**Program/Project Name**

**Project ID Numbers: 07319B / 123660**

**Route 29, Cass Street to Calhoun Street, Drainage**

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	CON	NHPP	113	\$22,000,000

**Program/Project Name**

**Project ID Numbers: L064 / 950151**

**Route 206, South Broad Street Bridge over Assunpink Creek**

Initiated by the Bridge Management System, this project will rehabilitate the structurally deficient and functionally obsolete bridge, built in 1843.

**COUNTY:** Mercer

**MUNICIPALITY:** Trenton City

**MILEPOSTS:** 42.70

**STRUCTURE NO.:** 1100002

**LEGISLATIVE DISTRICT:** 15

**SPONSOR:** NJDOT

**CIS PROGRAM CATEGORY:** Local System Support

**CORE MISSION:** Infrastructure Preservation

MPO	Phase	Fund	Item#	Amount
DVRPC	CON	STBGP-TRENTON	147	\$3,000,000