

FY 2022 DRAFT TRANSPORTATION CAPITAL PROGRAM

New Jersey Department of Transportation Projects

Mercer County

Program/Project Name	Project ID Numbers: 15322 / 153220
Delaware & Raritan Canal Bridges	

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	Amount
Statewide	ERC	STBGP-FLEX	\$776,400
Statewide	ERC	STBGP-OS-BRDG	\$7,000,000

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

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	Amount
DVRPC	EC	STATE	\$100,000

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

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	Amount
DVRPC	EC	CMAQ	\$915,000

Program/Project Name	Project ID Numbers: D1601 / 163170
New Jersey Regional Signal Retiming Initiative	

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	Amount
DVRPC	PLS	CMAQ	\$350,000
DVRPC	PLS	STBGP-PHILA	\$30,000

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

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	Amount
DVRPC	PE	STBGP-FLEX	\$900,000

Program/Project Name	Project ID Numbers: 99362 / 993620
Trenton Amtrak Bridges	

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

MPO	Phase	Fund	Amount
DVRPC	ROW	STBGP-TRENTON	\$3,000,000

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New Jersey Department of Transportation Projects

Mercer County

<i>Program/Project Name</i>	<i>Project ID Numbers: D2023 / 213590</i>
Trenton Transit Center Circulation Improvements	

Improvements will be made to improve pedestrian and bicycle access and safety; enhance vehicular circulation by improving connectivity and simplifying complex intersections; reduce the number of uncontrolled ramp movements in the project area; support transit-oriented development and create a gateway for the City of Trenton to support existing and emerging mobility and redevelopment within the area of the Transit Center.

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	Amount
DVRPC	PE	STBGP-TRENTON	\$160,000

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New Jersey Department of Transportation Projects

Mercer County

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

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	Amount
DVRPC	ROW	CMAQ	\$7,500,000

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

This project will address operational and safety improvements at Route 27, Witherspoon Street to maintain and renew Transportation Infrastructure.

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	Amount
DVRPC	CON	CRRSAA-FLEX	\$950,000

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Mercer County

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	Amount
DVRPC	ROW	STATE	\$732,000
DVRPC	CON	NHPP	\$12,220,000

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

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	Amount
DVRPC	ROW	STATE	\$100,000