

FY 2025 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. The following federal appropriation was repurposed to this project: DEMO ID# NJ 289.

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	BFP-OS-BRDG	\$11,000,000
Statewide	ERC	STBGP-FLEX	\$5,000,000

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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New Jersey Department of Transportation Projects

Mercer County

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

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. The fund type 'OTHER-DVRPC' reflects a commitment by Mercer County of Local County Aid, Local Aid State Infrastructure Bank, and/or Mercer County general funds to the project.

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	Amount
DVRPC	CON	OTHER-DVRPC	\$16,400,000

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Mercer County

Program/Project Name	Project ID Numbers: D0412 / 048075
Mercer County Roadway Safety Improvements	

This program will provide for the installation of safety improvements including reflective pavement markings (including both striping and raised reflective markers), reflective object markers, reflective roadway delineators, guide rail, and other treatments that improve the overall safety and visibility of various roadways in the county.

COUNTY: Mercer

MUNICIPALITY: Various

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: Various

SPONSOR: Mercer County

CIS PROGRAM CATEGORY: Local System Support

CORE MISSION: Safety

MPO	Phase	Fund	Amount
DVRPC	CON	STBGP-TRENTON	\$600,000

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: Local System Support

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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New Jersey Department of Transportation Projects

Mercer County

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

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: Safety

MPO	Phase	Fund	Amount
DVRPC	CON	HSIP	\$3,000,000

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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	DES	STATE	\$1,418,800

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	BFP	\$125,000
NJTPA	ROW	BFP	\$125,000

FY 2025 DRAFT TRANSPORTATION CAPITAL PROGRAM
New Jersey Department of Transportation Projects
Mercer County

<i>Program/Project Name</i>	<i>Project ID Numbers: L064 / 950151</i>
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	Amount
DVRPC	CON	STBGP-TRENTON	\$4,006,000

<i>Program/Project Name</i>	<i>Project ID Numbers: 18353 / 183530</i>
Route 295, Sloan Avenue (CR 649) to CR 583 (Princeton Pike)	

Initiated by the Congestion Management System, this project will address capacity and operational improvements within the project limits.

COUNTY: Mercer

MUNICIPALITY: Lawrence Twp, Hamilton Twp

MILEPOSTS: 65.41-68.44

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 15, 14

SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Congestion Relief

CORE MISSION: Mobility and Congestion Relief

MPO	Phase	Fund	Amount
DVRPC	PE	CMAQ	\$7,000,000