

FY 2024 DRAFT TRANSPORTATION CAPITAL PROGRAM

New Jersey Department of Transportation Projects

Mercer County

Program/Project Name	Project ID Numbers: 15418 / 154180
ADA Central, Contract 2	

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame for the following sites:

- 1) Route 36, Miller Avenue to Union Avenue,
- 2) Route 35, Cherry Tree Lane to Route 9,
- 3) Route 27, Parillo Drive to Sandford Street,
- 4) Route 1 NB, CR 514 to Route I-287,
- 5) Route 33, Bridge over Rocky Brook,
- 6) Route 35, Cheesequake Creek Bridge,
- 7) Groveville Road over Route 130.

COUNTY: Monmouth, Somerset, Middlesex, Mercer

MUNICIPALITY: Various

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: Various

SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Multimodal Programs

CORE MISSION: Infrastructure Preservation

MPO	Phase	Fund	Amount
NJTPA	CON	NHPP	\$29,000,000

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	Amount
DVRPC	DES	STBGP-TRENTON	\$140,000

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New Jersey Department of Transportation Projects

Mercer County

<i>Program/Project Name</i>	<i>Project ID Numbers: D2014 / 213270</i>
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	Amount
DVRPC	DES	STBGP-TRENTON	\$2,000,000

FY 2024 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	\$2,000,000
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

FY 2024 DRAFT TRANSPORTATION CAPITAL PROGRAM

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	\$41,000,000

FY 2024 DRAFT TRANSPORTATION CAPITAL PROGRAM

New Jersey Department of Transportation Projects

Mercer County

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	\$842,000

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

FY 2024 DRAFT TRANSPORTATION CAPITAL PROGRAM

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	NHPP	\$4,000,000

Program/Project Name	Project ID Numbers: 16336 / 163360
Route 1B, Bridge over Shabakunk Creek	

Initiated by the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built in 1928.

COUNTY: Mercer

MUNICIPALITY: Lawrence Twp

MILEPOSTS: 1.51

STRUCTURE NO.: 1102150

LEGISLATIVE DISTRICT: 15

SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Bridge Assets

CORE MISSION: Infrastructure Preservation

MPO	Phase	Fund	Amount
DVRPC	ROW	BFP	\$500,000

FY 2024 DRAFT TRANSPORTATION CAPITAL PROGRAM
New Jersey Department of Transportation Projects
Mercer County

<i>Program/Project Name</i>	<i>Project ID Numbers: 15301 / 153010</i>
Route 206, Hilltop Drive	

Initiated from the Drainage Management System, this study will explore drainage improvements within the project limits.

COUNTY: Mercer

MUNICIPALITY: Princeton Twp

MILEPOSTS: 55.7

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

CIS PROGRAM CATEGORY: Road Assets

CORE MISSION: Infrastructure Preservation

MPO	Phase	Fund	Amount
DVRPC	PE	NHPP	\$1,000,000

<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	\$3,009,562