

FY 2014-2023 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
New Jersey Department of Transportation

Duck Island Landfill, Site Remediation

DB#: 99334 / UPC#: 993340

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.

This project is multi-year funded. Total construction funding needed is expected to be \$1,000,000.

COUNTY: Mercer

LEGISLATIVE DISTRICT: 14

MUNICIPALITY: Hamilton Twp

SPONSOR: NJDOT

MILEPOST(S): N/A

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S2 (Exempt)

ASSET MANAGEMENT CATEGORY: Road Assets: Environmental Remediation

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	EC	STATE	\$0.100	\$0.100	\$0.100	\$0.100	\$0.100	\$0.100	\$0.100	\$0.100	\$0.100	\$0.100

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Mercer County Roadway Safety Improvements

DB#: D0412 / UPC#: 048075

This program will provide for the installation of improved safety items 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

LEGISLATIVE DISTRICT: Various

MUNICIPALITY: Various

SPONSOR: Mercer County

MILEPOST(S): N/A

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S11 (Exempt)

ASSET MANAGEMENT CATEGORY: Local System Support: Local Roadway Improvements

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	CON	STP-STU						\$0.800		\$0.800		\$0.800

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Princeton-Hightstown Road Improvements, CR 571

DB#: D0701 / UPC#: 078036

The project limits include the intersections of CR 571 with Clarksville Road (CR 638) and Wallace-Cranbury Road (CR 615), and the approximately 1 mile segment connecting them. CR 571 is a major east-west corridor at the northern edge of Mercer County and the Central Jersey Transportation Forum has endorsed the improvement concept. This is a severe safety concern regarding the area where the roadway drops from four lanes to two. Mercer County and West Windsor Township hope to make "Main Street" pedestrian, bicycle, and site access improvements, including sidewalks, protected turn lanes and no additional through travel lanes.

COUNTY: Mercer

LEGISLATIVE DISTRICT: 15

MUNICIPALITY: West Windsor Twp

SPONSOR: Mercer County

MILEPOST(S): 40.32 - 40.97

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S6 (Exempt)

ASSET MANAGEMENT CATEGORY: Local System Support: Local Roadway Improvements

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	CON	STP-STU		\$3.300				\$3.300				

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Trenton Amtrak Bridges

DB#: 99362 / UPC#: 993620

This project will rehabilitate the Chestnut Avenue, Monmouth Street and East State Street Orphan Bridges over Amtrak. The bridges will be rehabilitated on the existing alignment and will maintain the same cross section. Minor curb, sidewalk and repaving within the existing curblines will be done at the bridge approaches. Profile changes are limited to minimize impact to utilities, lighting, drainage and right of way.

This project is multi-year funded. Total construction funding needed is expected to be \$49,230,000.

COUNTY: Mercer

LEGISLATIVE DISTRICT: 15

MUNICIPALITY: Trenton City

SPONSOR: NJDOT

MILEPOST(S): N/A

STRUCTURE NO.: 1149163 1149164 1149165

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S19 (Exempt)

ASSET MANAGEMENT CATEGORY: Bridge Assets: Railroad Overhead Bridges

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	DES	STATE	\$2.450									
DVRPC	ROW	STATE		\$2.800								
DVRPC	CON	STATE				\$7.930	\$19.421	\$21.879				

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Route 1, Southbound, Nassau Park Boulevard to Quaker Bridge Mall Overpass

DB#: 01330A / UPC#: 013301

This project resulted from a Congestion Management Study. Critical concerns are safety/efficiency in the separation of through and local traffic. Widening of Rt. 1 Southbound to 3 through lanes with a 2 lane Collector Distributor (CD) Road is proposed. Driveway access revisions are also included to minimize conflicts.

Operational and safety improvements are proposed in the southbound direction. Critical concerns include the safety/efficiency in the separation of the through and local traffic; safety of the weaving and merge operations on the CD roadway; density of roadside driveways and associated vehicle conflicts; and the inadequate or lack of acceleration/deceleration lanes at Quaker Bridge Mall ramps.

Total construction funding needed is expected to be \$10,665,000.

COUNTY: Mercer

LEGISLATIVE DISTRICT: 15

MUNICIPALITY: Lawrence Twp West Windsor Twp

SPONSOR: NJDOT

MILEPOST(S): 7.61 - 8.69

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): 2025M (Non-Exempt)

ASSET MANAGEMENT CATEGORY: Safety Management: Safety Improvements

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	ROW	NHPP	\$3.500									
DVRPC	CON	NHPP			\$10.665							

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Route 1 Business, Brunswick Circle to Lake Drive

DB#: 04316 / UPC#: 043160

The purpose of the project is to provide traffic calming along a segment of US Route 1 Business (Brunswick Avenue) in Lawrence Township, Mercer County, from just north of the Brunswick Circle (MP 0.48) to Lake Drive (MP 1.38). The project will address the community's desire to redevelop this stretch of Route 1B into a pedestrian friendly urban streetscape that promotes business development and aims at slowing traffic speeds, improving and increasing pedestrian connectivity, and providing aesthetic treatments that would help to create a new identity for this section of Route 1B. The improvements include the following elements: reduced-width traveled lanes, parking along the NB shoulder, a wider grassed center median, pedestrian bulb-outs at street corners, pedestrian crosswalk delineation, signalized intersection improvements at Cherry Tree Lane & Slack Avenue, minor drainage modifications, milling/resurfacing, signing/striping, and construction of a modern roundabout with proposed lighting at the Whitehead Road intersection. Utility relocations and right-of-way acquisition will be required in the vicinity of the proposed roundabout.

Total construction funding needed is expected to be \$4,302,000.

COUNTY: Mercer

LEGISLATIVE DISTRICT: 15

MUNICIPALITY: Lawrence Twp

SPONSOR: Local Lead

MILEPOST(S): 0.35 - 1.38

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): A2 (Exempt)

ASSET MANAGEMENT CATEGORY: Local System Support: Economic Development

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	CON	STP-TE				\$4.302						

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Route 27, Riverside Drive W to Vliet Road

DB#: 13326 / UPC#: 133260

Initiated from the Pavement Management System, this project will resurface various locations of the northbound direction and various locations of the southbound direction.

Total construction funding needed is expected to be \$2,808,000.

COUNTY: Mercer Middlesex Somerset

LEGISLATIVE DISTRICT: 16 17

MUNICIPALITY: Princeton Twp South Brunswick Twp Franklin Twp

SPONSOR: NJDOT

MILEPOST(S): 1.43 - 8.61

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S10 (Exempt)

ASSET MANAGEMENT CATEGORY: Road Assets: Highway Resurfacing

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	CON	STATE	\$0.800									
NJTPA	CON	STATE	\$2.008									

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Route 29, Cass Street to Calhoun Street, Drainage

DB#: 07319B / UPC#: 123660

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.

Total construction funding needed is expected to be \$3,000,000.

COUNTY: Mercer

LEGISLATIVE DISTRICT: 15

MUNICIPALITY: Trenton City

SPONSOR:

MILEPOST(S): 2.94 - 4.34

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S2 (Exempt)

ASSET MANAGEMENT CATEGORY: Road Assets: Drainage

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	PE	STP	\$0.350									
DVRPC	DES	STP			\$0.850							
DVRPC	ROW	STP				\$0.100						
DVRPC	CON	STP						\$3.000				

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Route 29, Drainage Ditch Culvert, Hopewell Twp.

DB#: 11358 / UPC#: 113580

Based on the Structural Re-Evaluation Report, the overall condition of the structure is poor due to extensive large spalls (up to 2" deep) with exposed rusted rebars, wide crack and incipient spalls in the original east culvert section road slab and in the sidewalls. The proposed will consist of repairing the box culvert using the Shotcrete method.

Total construction funding needed is expected to be \$506,000.

COUNTY: Mercer

LEGISLATIVE DISTRICT: 15

MUNICIPALITY: Hopewell Twp

SPONSOR: NJDOT

MILEPOST(S): 16.21

STRUCTURE NO.: 1110159

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S6 (Exempt)

ASSET MANAGEMENT CATEGORY: Bridge Assets: Culverts

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	CON	STATE					\$0.506					

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Route 31, Bridge over CSX Railroad

DB#: 08355 / UPC#: 083550

The project includes replacement of the bridge over CSX Railroad, a new pavement box will be constructed several hundred feet either side of the bridge and replacement of the culvert at Seminary Creek.

Total construction funding needed is expected to be \$6,950,000.

COUNTY: Mercer

LEGISLATIVE DISTRICT: 15

MUNICIPALITY: Hopewell Twp Pennington Boro

SPONSOR: NJDOT

MILEPOST(S): 7.07

STRUCTURE NO.: 1119150 1119151

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S19 (Exempt)

ASSET MANAGEMENT CATEGORY: Bridge Assets: Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	ROW	NHPP	\$0.250									
DVRPC	CON	NHPP			\$6.950							

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Route 31, Pennington Circle Safety Improvements

DB#: 159A / UPC#: 088006

The project is a breakout of the Rt. 31 TDD project (DB 159). The project will evaluate and begin to develop measures to improve safety at the Pennington Circle. Limits of the project will also include appropriate lengths of CR 546 and CR 640, which intersect the circle. The Pennington Circle is the site of frequent vehicle crashes, and is ranked 98th on the statewide list of top “High Crash Frequency and Severity” intersections. It is a significant safety concern for Hopewell Township officials and residents. The project focuses on improving safety. Signing and striping changes are included as part of the improvement.

Total construction funding needed is expected to be \$1,000,000.

COUNTY: Mercer

LEGISLATIVE DISTRICT: 15

MUNICIPALITY: Hopewell Twp

SPONSOR: NJDOT

MILEPOST(S): 6.09

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S2 (Exempt)

ASSET MANAGEMENT CATEGORY: Safety Management: Safety Improvements

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	CON	HSIP	\$1.000									

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Route 130, Westfield Ave. to Main Street

DB#: 11309 / UPC#: 113090

Initiated from the Pavement Management System, this project consists of milling, resurfacing and rehabilitating the roadway within the project limits.
 Total construction funding needed is expected to be \$15,900,000.

COUNTY: Mercer Middlesex

LEGISLATIVE DISTRICT: 14 16

MUNICIPALITY: East Windsor Twp Cranbury Twp

SPONSOR: NJDOT

MILEPOST(S): 67.8 - 72.8

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S10 (Exempt)

ASSET MANAGEMENT CATEGORY: Road Assets: Highway Rehab and Recon

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	PE	NHPP	\$0.400									
NJTPA	PE	NHPP	\$0.400									
DVRPC	DES	NHPP		\$0.500								
NJTPA	DES	NHPP		\$0.500								
DVRPC	CON	NHPP			\$7.123							
NJTPA	CON	NHPP			\$8.777							

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Route 206, South Broad Street Bridge over Assunpink Creek

DB#: L064 / UPC#: 950151

This project provides for the removal of the two existing arch extensions to the original stone arch bridge. The original arch will then be widened to the downstream side with a modern structure. The new structure will carry all vehicular traffic as the traffic pattern will be shifted slightly downstream. The area above the original center arch will no longer carry vehicular traffic, but will be used as a pedestrian walkway. Context Sensitive Design techniques will be used to assimilate the new structure into this historic area.

Total construction funding needed is expected to be \$7,562,000.

COUNTY: Mercer

LEGISLATIVE DISTRICT: 15

MUNICIPALITY: Trenton City

SPONSOR: NJDOT

MILEPOST(S): 42.70

STRUCTURE NO.: 1100002

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S19 (Exempt)

ASSET MANAGEMENT CATEGORY: Local System Support: Local Bridges

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	DES	NHPP	\$0.900									
DVRPC	CON	STATE		\$7.562								

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Route 206, Whitehorse Circle (CR 533, 524)

DB#: 95040 / UPC#: 950526

This project is to improve safety by constructing a roundabout to eliminate many of the conflict points, thereby reducing the number of crashes, specifically the angle crash type.

Total construction funding needed is expected to be \$2,920,000.

COUNTY: Mercer

LEGISLATIVE DISTRICT: 14

MUNICIPALITY: Hamilton Twp

SPONSOR: NJDOT

MILEPOST(S): 38.81 - 39.95

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): S2 (Exempt)

ASSET MANAGEMENT CATEGORY: Safety Management: Safety Improvements

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	PE	HSIP	\$0.500									
DVRPC	DES	HSIP		\$0.500								
DVRPC	ROW	STATE			\$0.200							
DVRPC	CON	HSIP					\$2.920					

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Route 295, Northbound Approach to Route 1 Exits, ITS Improvements

DB#: 06358 / UPC#: 063580

During rush hours, especially the AM peak hours, the exit from I-295 northbound to Rt. 1 is insufficient for the amount of traffic, causing backups in the through lanes of I-295 northbound which creates an operational and safety problem. Reconstruction of the interchange and interstate to expand the capacity of the exit could be costly and adversely impact the environment as well as adjacent properties. An interim improvement is proposed to allow the use of the I-295 northbound shoulder to extend the storage for the deceleration lane. To minimize the loss of the shoulder, it is proposed to use ITS technologies to open the shoulder for deceleration use only when needed and then return it to use as a shoulder when not needed. Technologies would include methods of detection when backups are imminent and providing the information to the traveling public that the shoulder is open for use. Total construction funding needed is expected to be \$1,400,000.

COUNTY: Mercer

LEGISLATIVE DISTRICT: 15

MUNICIPALITY: Lawrence Twp

SPONSOR: NJDOT

MILEPOST(S): 67.00 - 67.50

STRUCTURE NO.: N/A

FINANCIAL PLAN REQUIREMENT:

AIR QUALITY CODE (NON-EXEMPT/EXEMPT): s7 (Exempt)

ASSET MANAGEMENT CATEGORY: Congestion Relief: Intelligent Transportation Systems

MPO	Phase	Fund	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
DVRPC	CON	CMAQ				\$1.400						