

FINAL VERSION MODIFIED AFTER  
SEPTEMBER 2021 ADOPTION



Chapter 8:

## Project Listings by Program

as of 01/23/2024





# 8.1 DVRPC Regional Highway Projects



# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

DB# D2018

Bridge No. C4.13 over Parkers Creek on Centerton Road

NEW-LG

AQCODE: S19

With the permanent closure of County Bridge 03C4004 over the Rancocas Creek, this County Bridge #C4.13 is a primary connector for individuals travelling between Willingboro & Westampton Townships to Mount Laurel & Moorestown Townships. This section of Centerton Road is also one of the main roads that leads to the entrance and exit of I-295 interchange (43 A&B). County Bridge #C4.13 carries 2 lanes of opposing traffic and approximately 3.5' shoulders on each side of the road. The bridge currently lacks sidewalks and does not have bicycle compatible shoulders. Major improvements are needed for this bridge due to the structure's age (over 100 years), structurally deficient status and scour critical status, and it is functionally obsolete. Whether the bridge will be rehabilitated or replaced, the construction work will address the structural deficiencies, scour problems, non-standard bridge width and bicycle & pedestrian compatibility. The project will also include roadway improvements (guiderail, paving, sidewalk), as well as installation of scour countermeasures.

CMP:   
 Municipalities: Moorestown Township; Mount Laurel Township      Planning Center: None  
 CIS Program Subcategory:      CIS Program Category: Bridge Assets  
 Project Manager: Shah, Alka      IPD:  
 Mileposts: N/A      Sponsor: Burlington County  
 Improvement Type: Bridge Repair/Replacement      **Local Project: Y**      **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PE	STBGP-PHILA	0.000	0.880								
CON	STBGP-PHILA				6.303						
DES	STBGP-PHILA			0.450							
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.880</b>	<b>0.450</b>	<b>6.303</b>						
		<b>Total First Four Years: 7.633</b>				<b>Total Later Fiscal Years:</b>					

DB# D1510

Burlington County Bus Purchase

AQCODE: M10

In the DVRPC region, a combination of fixed route, subscription, and demand responsive transit services are provided in Burlington County, such as providing for the purchase of buses and capital equipment for BurLink. The Burlink bus system is a deviated fixed route service that is operated by the South Jersey Transportation Authority (SJTA) and provides transportation to county residents, employees and visitors. BurLink bus routes connect with many NJ TRANSIT bus routes and the River LINE.

CMP: Not SOV Capacity Adding  
 Municipalities: Various      Planning Center: None  
 CIS Program Subcategory:      CIS Program Category: Local System Support  
 Project Manager: Hui, Kwan      IPD:  
 Mileposts: N/A      Sponsor: Burlington County  
 Improvement Type: Transit Improvements      **Local Project: Y**      **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	CMAQ	0.000		0.344		0.268		0.268		0.344	
<b>Fiscal Year Total</b>		<b>0.000</b>		<b>0.344</b>		<b>0.268</b>		<b>0.268</b>		<b>0.344</b>	
		<b>Total First Four Years: 0.344</b>				<b>Total Later Fiscal Years: 0.880</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

#### DB# D0302 Burlington County Roadway Safety Improvements

AQCODE: S6

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.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Shah, Alka

IPD:

Mileposts: N/A

Sponsor: Burlington County

Improvement Type: Roadway Rehabilitation

Local Project: Y

Mapped: N

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STBGP-PHILA	0.800		1.000		1.000		1.000		1.000	
<b>Fiscal Year Total</b>		<b>0.800</b>		<b>1.000</b>		<b>1.000</b>		<b>1.000</b>		<b>1.000</b>	
		<b>Total First Four Years: 1.800</b>				<b>Total Later Fiscal Years: 3.000</b>					

#### DB# D2206 County 2011 Guide Rail Design Project No. 1 (CR 600, CR 613 and CR 623)

NEW

AQCODE: S9

The project will install new and standard guiderail systems with end treatments at existing county structures on CR 600, 613, and 623 that are substandard and in need of replacement: B3.10 Bridgeboro Rd (CR 613) over Brick Arched Culvert, B3.9 Bridgeboro Rd (CR 613) over Laurel Run, B3.22 Bridgeboro Rd (CR 613) over Swede Run, B4.136 Bridgeboro Rd (CR 613), B5.7 Old Marlton Pike (CR600) over South Branch Pennsauken Creek, C5.58 Taunton Blvd (CR 623), C5.57A Taunton Blvd (CR623) over Haynes Creek. Construction cost estimate includes construction engineering services and inspection.

CMP:

Municipalities: Delran Township; Moorestown Township; Evesham Township; Medford Township; Planning Center: None

CIS Program Subcategory:

CIS Program Category:

Project Manager: Shah, Alka

IPD:

Mileposts: N/A

Sponsor: Burlington County

Improvement Type: Other

Local Project: Y

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	STBGP-PHILA		0.500								
<b>Fiscal Year Total</b>			<b>0.500</b>								
		<b>Total First Four Years: 0.500</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

DB# D1804 CR 537, CR 628, and CR 660 Guiderail Installation

AQCODE: S9

This project will upgrade existing guiderail with end treatments and guiderail attachments to county structures. Additional work will include piping ditch by using reinforced concrete pipe with new manholes and minor regrading.

Hainesport Locations:

Marne Hwy (CR 537) & New York Ave (M.P. 15.34)  
Marne Hwy (CR 537) & South Branch Rancocas Creek (M.P. 16.15)

Mansfield Locations:

Jacksonville-Hedding Rd (CR 628) (M.P. 5.62)  
Jacksonville-Hedding Rd (CR 628) (M.P. 5.85)

Florence/Mansfield Locations:

Old York Rd (CR 660) & NJTP Bridge (M.P. 4.32) Guiderail Replacement  
Old York Rd (CR 660) & East of Brookside Dr

Chesterfield Location:

Old York Rd (CR 660) (M.P. 4.32)

CON is expected for authorization in FY22 for \$1.7 million STATE-DVRPC (\$138,000 from 2014/\$872,000 from 2015/\$266,000 from 2016/\$424,000 from 2017).

CMP: Not SOV Capacity Adding

Municipalities: Hainesport Township; Mansfield Township; Florence Township  
Planning Center: None  
Chesterfield Township

CIS Program Subcategory: CIS Program Category: Local System Support

Project Manager: Darji, Vijesh IPD:

Mileposts: 15.34 Sponsor: DVRPC

Improvement Type: Roadway Rehabilitation **Local Project: Y** **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	14-STATE-DVRPC		0.138								
CON	15-STATE-DVRPC		0.872								
CON	16-STATE-DVRPC		0.266								
CON	17-STATE-DVRPC		0.424								
<b>Fiscal Year Total</b>			<b>1.700</b>								
		<b>Total First Four Years:</b>		<b>1.700</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

DB# 17411

**CR 545 (Farnsworth Avenue), Bridge over Robbinsville Secondary Branch (Conrail)**

MRPID: 316

AQCODE:

Initiated from the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built around 1830.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 1A, 6C
Municipalities:	Bordentown City	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Marcellus, Evens	IPD:
Mileposts:	14.7	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	BFP					7.000					
DES	BFP			1.450							
ROW	BFP				0.500						
PE	BFP		2.000								
<b>Fiscal Year Total</b>			<b>2.000</b>	<b>1.450</b>	<b>0.500</b>	<b>7.000</b>					
<b>Total First Four Years:</b>				<b>3.950</b>	<b>Total Later Fiscal Years:</b>				<b>7.000</b>		

DB# D2301

**Downtown Bicycle and Pedestrian Plans for Burlington County**

AQCODE: A2

With increased development and activity in the urban, village-type areas within Burlington County, DVRPC will evaluate existing pedestrian and bicycle facilities in three downtown areas and identify improvements to enhance safety and accessibility for all road users, particularly pedestrians and bicyclists. The downtown areas to be evaluated are Marlton (Evesham), Maple Shade, and Columbus (Mansfield). This project replaces the original Burlington Township/Florence Township Connector Road Planning Study. DVRPC FY2023 UPWP project #23-52-190.

CMP:		
Municipalities:	Evesham Township; Maple Shade Township; Mansfield Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category:
Project Manager:	Moran, Sarah	IPD:
Mileposts:		Sponsor: DVRPC
Improvement Type:	Other	<b>Local Project: Y</b> <b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PLS	STBGP-PHILA		0.125								
<b>Fiscal Year Total</b>			<b>0.125</b>								
<b>Total First Four Years:</b>				<b>0.125</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

**DB# D2207 Rancocas Creek Greenway, Laurel Run Park (Circuit)**

**NEW**

**AQCODE:** A2

This project will fill in a gap of the Circuit Trails network. It will construct 1.75 miles of AASHTO, ADA compliant trails and trail access appurtenances, including trailhead parking area, at Laurel Run Park. In 2021, this project was awarded a DVRPC Regional Trails grant (Phase 8) for design.

**CMP:**

Municipalities:	Delran Township	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Shah, Alka	IPD:	
Mileposts:	N/A	Sponsor:	Burlington County
Improvement Type:	Bicycle/Pedestrian Improvement	<b>Local Project:</b>	<b>Y</b>
		<b>Mapped:</b>	<b>Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	STBGP-PHILA			4.707							
<b>Fiscal Year Total</b>				<b>4.707</b>							
		<b>Total First Four Years:</b>			<b>4.707</b>	<b>Total Later Fiscal Years:</b>					

**DB# 15385 Route 38, Nixon Drive to Route 295 Bridge**

**AQCODE:** S10

This project will mill/pave the shoulder area and include treatment on the existing mainline pavement within the project limits. Sidewalk improvements, ADA compliance, traffic signal upgrades and guide rail upgrades will be included as well.

**CMP:**

	Not SOV Capacity Adding	Adding Subcorr(s):	2C
Municipalities:	Moorestown Township; Mount Laurel Township; Lumberton Township; Mount Holly Township	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	Road Assets
Project Manager:	Upadhyay, Arpita	IPD:	
Mileposts:	6.55-9.60	Sponsor:	NJDOT
Improvement Type:	Roadway Rehabilitation	<b>Mapped:</b>	<b>Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP		6.030								
<b>Fiscal Year Total</b>			<b>6.030</b>								
		<b>Total First Four Years:</b>			<b>6.030</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

DB# 12307 **Route 38, South Church Street (CR 607) to Fellowship Road (CR 673), Operational and Safety Improvements**

AQCODE: 2035M

The purpose of this project is to reconfigure the Route 38 and South Church Street/Fellowship Rd. intersection layout, improve congestion, improve safety, and ensure ADA compliance throughout the intersection. In addition the existing S. Church St. Bridge will be replaced and widened, deficiencies in sidewalk, curbs and curb ramps will be addressed. The existing shoulders and auxiliary lanes will be brought into compliance with NJDOT standards.

CMP: Minor SOV Capacity Adding Subcorr(s): 10B  
 Municipalities: Moorestown Township Planning Center: Town Center  
 CIS Program Subcategory: CIS Program Category: Congestion Relief  
 Project Manager: Maevsky, Andrew IPD:  
 Mileposts: 7.53-7.59 Sponsor: NJDOT  
 Improvement Type: Intersection/Interchange Improvements **Mapped: Y**  
 This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP			17.001							
ROW	NHPP		9.525								
<b>Fiscal Year Total</b>			<b>9.525</b>	<b>17.001</b>							
<b>Total First Four Years:</b>				<b>26.526</b>	<b>Total Later Fiscal Years:</b>						

DB# 15321 **Route 70, Bridge over Mount Misery Brook**

AQCODE: S19

Initiated by the Bridge Management System, this project will replace the bridge, built in 1931.

CMP: Not SOV Capacity Adding  
 Municipalities: Pemberton Township Planning Center: None  
 CIS Program Subcategory: CIS Program Category: Bridge Assets  
 Project Manager: Marcellus, Evens IPD:  
 Mileposts: 30.6 Sponsor: NJDOT  
 Improvement Type: Bridge Repair/Replacement **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP							8.700			
ROW	STATE		0.200								
<b>Fiscal Year Total</b>			<b>0.200</b>					<b>8.700</b>			
<b>Total First Four Years:</b>				<b>0.200</b>	<b>Total Later Fiscal Years:</b>						<b>8.700</b>



# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

DB# 12380

**Route 73, Church Road (CR 616) and Fellowship Road (CR 673) Intersections**

MRPID: 210

AQCODE: 2035M

This project will improve operational and safety conditions within the Route 73 corridor. A focus will be placed on improvements at the intersections of Route 73 and Church Road and Route 73 and Fellowship Road. This project will also include a pedestrian overpass, utility relocations, ROW acquisitions, ramp relocations, and road way realignment.

CMP: Major SOV Capacity Adding Subcorr(s): 2C, 13A  
 Municipalities: Mount Laurel Township Planning Center: Metropolitan Subcenter  
 CIS Program Subcategory: CIS Program Category: Congestion Relief  
 Project Manager: Marcellus, Evens IPD:  
 Mileposts: 26.47 - 27.42 Sponsor: NJDOT  
 Improvement Type: Roadway New Capacity **Mapped: Y**  
 This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ROW	NHPP					17.800					
CON	NHPP						48.800	45.000			
<b>Fiscal Year Total</b>						<b>17.800</b>	<b>48.800</b>	<b>45.000</b>			
<b>Total First Four Years:</b>				<b>Total Later Fiscal Years: 111.600</b>							

DB# 18383

**Route 73, Granite Avenue to Route 41**

NEW

AQCODE: NRS

This project will address improvement of safety, security, mobility, accessibility, and reliability at Route 73, Granite Avenue to Route 41

CMP:  
 Municipalities: Mount Laurel Township; Maple Shade Township Planning Center: None  
 CIS Program Subcategory: CIS Program Category: Safety Management  
 Project Manager: Colquitt, Willie IPD:  
 Mileposts: 27.86-28.80 Sponsor: NJDOT  
 Improvement Type: Bicycle/Pedestrian Improvement **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PE	NHPP		1.000								
DES	NHPP			1.000							
CON	NHPP					7.600					
ROW	NHPP				2.000						
<b>Fiscal Year Total</b>			<b>1.000</b>	<b>1.000</b>	<b>2.000</b>	<b>7.600</b>					
<b>Total First Four Years:</b>				<b>Total Later Fiscal Years: 7.600</b>							

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

**DB# 12346A Route 130, CR 545 (Farnsworth Avenue)**

AQCODE: A2

Initiated from the Office of Bicycle and Pedestrian Programs, this project, a breakout from "Route 130/206, CR 528 (Crosswicks Rd) to Route 206 at Amboy Rd", will address pedestrian and bicycle deficiencies within the project limits.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 6B  
 Municipalities: Bordertown Township Planning Center: None  
 CIS Program Subcategory: CIS Program Category: Multimodal Programs  
 Project Manager: Colquitt, Willie IPD:  
 Mileposts: 55.46 Sponsor: NJDOT  
 Improvement Type: Bicycle/Pedestrian Improvement **Mapped: Y**  
 This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
UTI	NHPP	1.100									
CON	NHPP		6.520								
<b>Fiscal Year Total</b>		<b>1.100</b>	<b>6.520</b>								
<b>Total First Four Years:</b>				<b>7.620</b>	<b>Total Later Fiscal Years:</b>						

**DB# 12346 Route 130/206, CR 528 (Crosswicks Rd) to Rt 206 at Amboy Rd**

AQCODE: A2

Initiated from the Office of Bicycle and Pedestrian Programs, this project will address pedestrian and bicycle deficiencies within the project limits.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 6B  
 Municipalities: Bordertown Township Planning Center: Town Center  
 CIS Program Subcategory: CIS Program Category: Multimodal Programs  
 Project Manager: Colquitt, Willie IPD:  
 Mileposts: 35.61-36.76; 55.97-56.44 Sponsor: NJDOT  
 Improvement Type: Bicycle/Pedestrian Improvement **Mapped: Y**  
 This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
DES	NHPP	0.000	1.500								
CON	NHPP				4.200						
ROW	STATE			0.750							
UTI	STATE			0.500							
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>1.500</b>	<b>1.250</b>	<b>4.200</b>						
<b>Total First Four Years:</b>				<b>6.950</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

**DB# 16335 Route 206, Bridge over Springers Brook**

**AQCODE:** S19 Initiated from the Bridge Management System, this project will replace the structurally deficient bridge, built in 1929.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Shamong Township

**Planning Center:** None

**CIS Program Subcategory:**

**CIS Program Category:** Bridge Assets

**Project Manager:** Upadhyay, Arpita

**IPD:**

**Mileposts:** 10.13

**Sponsor:** NJDOT

**Improvement Type:** Bridge Repair/Replacement

**Mapped:** Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PE	BFP		1.600								
DES	BFP			2.050							
CON	BFP					9.170					
ROW	BFP				1.400						
<b>Fiscal Year Total</b>			<b>1.600</b>	<b>2.050</b>	<b>1.400</b>	<b>9.170</b>					
		<b>Total First Four Years: 5.050</b>			<b>Total Later Fiscal Years: 9.170</b>						

**DB# 9212C Route 206, Monmouth Road/Juliustown Road Intersection Improvements (CR 537)**

**MRPID:** 208

**AQCODE:** R1 This project, a breakout of "Route 206, Burlington/Atlantic County, Route 30 to Route 68", will provide operational and safety improvements. The project will provide head to head left turn lanes at all 4 approaches, improved signal timing and geometric improvements (including shoulder widening and approach work). In addition, the existing four-lane section will be extended through both intersections to provide more of a safe distance to tie back into the two-lane section. This project will also incorporate recommendations made in the Route 206 Bicycle/Pedestrian Compatibility Study.

**CMP:** Minor SOV Capacity

**Municipalities:** Springfield Township

**Planning Center:** None

**CIS Program Subcategory:** Congestion Relief

**CIS Program Category:** Congestion Relief

**Project Manager:** Marcellus, Evens

**IPD:**

**Mileposts:** 26.37 - 27.33

**Sponsor:** NJDOT

**Improvement Type:** Intersection/Interchange Improvements  
This project may be suitable for ITS treatments.

**Mapped:** Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP	6.700									
<b>Fiscal Year Total</b>		<b>6.700</b>									
		<b>Total First Four Years: 6.700</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

DB# 15324 Washington Turnpike, Bridge over West Branch of Wading River

AQCODE: S19

Initiated by the Bridge Management System, this project will reconstruct the structurally deficient and functionally obsolete adjacent bridges, built in 1944.

CMP: Not SOV Capacity Adding

Municipalities: Washington Township

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Dhulesia, Babulal

IPD:

Mileposts: 30.893

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
DES	BFP-OS-BRDG		1.000								
CON	BFP-OS-BRDG				4.000						
CON	STBGP-OS-BRDG		0.000								
ROW	STBGP-OS-BRDG	0.200									
<b>Fiscal Year Total</b>		<b>0.200</b>	<b>1.000</b>		<b>4.000</b>						
<b>Total First Four Years:</b>				<b>5.200</b>	<b>Total Later Fiscal Years:</b>						

Total for Burlington:

8.800	30.880	29.252	18.403	42.838	48.800	54.968	1.344	
<b>Total First Four Years:</b>				<b>87.335</b>	<b>Total Later Fiscal Years:</b>			<b>147.950</b>

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

#### DB# D1505A ADA Improvements, Contract 1

AQCODE: A2

This project will continue the complete reconstruction of existing or construction of new ADA compliant sidewalk, curb ramps, and associated structures at approximately 400 various locations in the City of Camden. Crosswalks will be constructed as required or appropriate to connect opposite ADA compliant ramps at street intersections.

CMP:

Municipalities:	Camden City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	Multimodal Programs
Project Manager:		IPD:	
Mileposts:	Various	Sponsor:	Camden City
Improvement Type:	Bicycle/Pedestrian Improvement	Local Project:	Y
		Mapped:	Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	STBGP-PHILA	0.000	3.750								
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>3.750</b>								
<b>Total First Four Years:</b>				<b>3.750</b>	<b>Total Later Fiscal Years:</b>						

#### DB# 15423 ADA South, Contract 4

AQCODE: A2

This contract will bring projects into compliance with current ADA design requirements that could not be completed within original design or construction time frame. Locations will include: Rt 30 Grove St to Brand Ave.

CMP:

Municipalities:	Barrington Borough; Somerdale Borough; Clementon Borough	Planning Center:	Town Center
CIS Program Subcategory:		CIS Program Category:	Multimodal Programs
Project Manager:	Dhulesia, Babulal	IPD:	
Mileposts:	N/A	Sponsor:	NJDOT
Improvement Type:	Bicycle/Pedestrian Improvement	Mapped:	Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	DEMO-R	0.000		1.432							
CON	STBGP-FLEX	0.000		6.171							
<b>Fiscal Year Total</b>		<b>0.000</b>		<b>7.603</b>							
<b>Total First Four Years:</b>				<b>7.603</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

#### DB# D0601 Camden County Bus Purchase

AQCODE: M10

In the DVRPC region, a combination of fixed route, subscription, and demand responsive transit services are provided in Camden County by Sen-Han Transit and South Jersey Transportation Authority (SJTA). A variety of trip purposes are served by these special transit providers including employment, non-emergency medical, nutrition, personal business, and shopping trips. This project provides funds for purchasing new capital equipment, usually lift-equipped vehicles.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Local Aid CIS Program Category: Local System Support

Project Manager: Hui, Kwan IPD:

Mileposts: N/A Sponsor: Camden County

Improvement Type: Transit Improvements **Local Project: Y** **Mapped: N**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	CMAQ	0.000		0.876		0.876		0.876		0.876	
<b>Fiscal Year Total</b>		<b>0.000</b>		<b>0.876</b>		<b>0.876</b>		<b>0.876</b>		<b>0.876</b>	
<b>Total First Four Years:</b>				<b>0.876</b>	<b>Total Later Fiscal Years:</b>				<b>2.628</b>		

#### DB# D2302 Camden County Guiderails (2 Years)

AQCODE: SDX

The intent of the project is to develop an Asset Management Guiderail Inventory that is GIS based and includes attribute data for all Camden County-owned Bridges and approaches and currently-installed Guiderail on approximately 406 centerline miles of roads in Camden County, New Jersey. The resulting data layer will assist the County in evaluating, prioritizing, scheduling, and implementing the maintenance, repairs and/or replacement activities of guiderail based on deficiencies and non-compliance. The County intends to hire a consultant to develop a database, catalog all existing guiderail, and create a prioritized maintenance schedule. The consultant will also train the County on the use of the Guiderail Management System and provide technical support. The training will include database maintenance and updating by the County to record emergency guiderail repairs and replacements under County Roadway Safety grants. The Consultant will conduct a Needs Assessment and develop a System Design and Reporting system that will provide recommendations to the County on guiderail maintenance or replacements needed to the various guiderail components cataloged in the Management System. A Video Log Viewing System will be integrated with the Guiderail Management System. This project entails a significant amount of data collection and coordination so a 2-year cycle for expenditure of these funds is required. Completion of this work may require the purchase of equipment or services. DVRPC FY2023 UPWP project #23-52-220.

CMP:

Municipalities: Various Planning Center: None

CIS Program Subcategory: CIS Program Category:

Project Manager: Coscia, Jr., John IPD:

Mileposts: Sponsor: DVRPC

Improvement Type: Other **Local Project: Y** **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PLS	STBGP-PHILA	1.000									
<b>Fiscal Year Total</b>		<b>1.000</b>									
<b>Total First Four Years:</b>				<b>1.000</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

**DB# D0410 Camden County Roadway Safety Improvements**

AQCODE: S11

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.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Local Aid CIS Program Category: Local System Support

Project Manager: Gonzales, Nenebert IPD:

Mileposts: N/A Sponsor: Camden County

Improvement Type: Roadway Rehabilitation **Local Project: Y Mapped: N**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
PE	STBGP-PHILA	0.300		0.300		0.300		0.300		0.300		
CON	STBGP-PHILA		0.600		0.700		0.700		0.700		0.700	
EC	STBGP-PHILA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
<b>Fiscal Year Total</b>		<b>0.300</b>	<b>0.600</b>	<b>0.300</b>	<b>0.700</b>	<b>0.300</b>	<b>0.700</b>	<b>0.300</b>	<b>0.700</b>	<b>0.300</b>	<b>0.700</b>	
<b>Total First Four Years:</b>				<b>1.900</b>	<b>Total Later Fiscal Years:</b>				<b>3.000</b>			

**DB# D2304 Concept of Operations for Traffic Operation Center - City of Camden**

AQCODE: X1

DVRPC FY2024 UPWP project: 24-68-100. The objective of this project is to have DVRPC hire a consultant to assist Camden County and the City of Camden to develop a Concept of Operations (ConOps) for a Traffic Operations Center for the City of Camden. The ConOps will help define needs to be addressed, identify the concept and functions that are needed, develop operational and system-level requirements (staffing, procedures, training, etc.) hardware, and software specifications, allocation of responsibilities between partner agencies, potential alternatives, preliminary cost estimates and recommendations.

CMP:

Municipalities: Planning Center: None

CIS Program Subcategory: Local Aid CIS Program Category: Local System Support

Project Manager: IPD:

Mileposts: Sponsor:

Improvement Type: **Local Project: Y Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
PLS	STBGP-PHILA		0.275									
<b>Fiscal Year Total</b>			<b>0.275</b>									
<b>Total First Four Years:</b>				<b>0.275</b>	<b>Total Later Fiscal Years:</b>							

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

DB# D2208 CR 544 (Evesham Rd), NJ 41 to Schubert Ave NEW

AQCODE: S10

The project will provide for the reconstruction of roadway, handicap accessible ramps, and traffic calming measures on a very busily traveled County roadway with direct access to NJ 42 and 168. It will also include stormwater management improvements to prevent roadway flooding.

CMP:

Municipalities: Runnemede Borough; Gloucester Township	Planning Center: None
CIS Program Subcategory:	CIS Program Category:
Project Manager:	IPD:
Mileposts: 2.16 - 3.23	Sponsor: Camden County
Improvement Type: Roadway Rehabilitation	Local Project: Y <span style="float: right;">Mapped: Y</span>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
CON	CRRSAA-PHILA		1.600									
CON	HWIZ910-PHILA		1.427									
<b>Fiscal Year Total</b>			<b>3.027</b>									
		<b>Total First Four Years: 3.027</b>				<b>Total Later Fiscal Years:</b>						

DB# D2209 CR 758 (Coles Mill Rd), Farwood Rd to Grove St NEW

AQCODE: S10

This project will improve 0.45 miles of roadway surface and provide guiderail, stormwater drainage, and handicap accessibility in the CR 758 (Coles Mill Rd.) corridor. The roadway is currently in poor condition with a surface runoff issue.

CMP:

Municipalities: Haddon Township; Haddon Heights Borough	Planning Center: None
CIS Program Subcategory:	CIS Program Category:
Project Manager:	IPD:
Mileposts:	Sponsor: Camden County
Improvement Type: Roadway Rehabilitation	Local Project: Y <span style="float: right;">Mapped: Y</span>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
CON	CRRSAA-PHILA	1.376										
<b>Fiscal Year Total</b>		<b>1.376</b>										
		<b>Total First Four Years: 1.376</b>				<b>Total Later Fiscal Years:</b>						



# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

**DB# D2215 Gateway to Downtown Collingswood Borough (TOP)**

AQCODE: A2

Four (4) curb extensions with possible rainwater harvesting features, 3 thermoplastic crosswalks, and a Rectangular Rapid-Flashing Beacon at Collings Avenue at Atlantic, Park, and Lakeview Drive intersection will be installed. These improvements were identified in the Connect 2020 Bicycle and Pedestrian Master Plan and a DVRPC funded Pop-up Demonstration project, "All Aboard Atlantic". An educational component will also be included. The project was selected from the FY23-24 DVRPC Travel Options Program (TOP).

CMP:

Municipalities:	Planning Center: None
CIS Program Subcategory:	CIS Program Category:
Project Manager: Coe, Lauren	IPD:
Mileposts:	Sponsor: Collingswood Borough
Improvement Type: Bicycle/Pedestrian Improvement	<b>Local Project: Y</b> <b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	Local			0.054							
CON	STBGP-PHILA			0.218							
<b>Fiscal Year Total</b>				<b>0.272</b>							
		<b>Total First Four Years:</b>			<b>0.272</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

**DB# D1709 Kaighn Avenue (CR 607), Bridge over Cooper River (Roadway and Bridge Improvements)**

AQCODE: S19

The project will make roadway improvements to Kaighn Ave. (CR 607) from Euclid St. to North Park Dr. (CR 628) and include complete bridge replacement of the Kaighn Ave. Bridge. These improvements will decrease travel time, alleviate flooding, reduce annual maintenance costs and provide for a multi-modal connection to The Circuit, Greater Philadelphia's Regional Trail Network. Kaighn Avenue is a heavily traveled regionally significant corridor that transects the Parkside Neighborhood of Camden City and is prone to tidal flooding and plagued by road closings during regular rainfall and high tide events. Flooding is the result of a 40 year old hurricane event that breached a nearby earthen dam and subsequently allows the Cooper River to inundate a low lying area of Farnham Park which is directly adjacent to a 1/3 mile stretch of Kaighn Avenue. Road closing events due to flooding number between 15 – 18 times annually. In addition, the vertical alignment of Kaighn Avenue, as a result of topography, plays a role in the continued flooding. Over time high tides and regular rain fall have led to total washout, undermining the road structure and severe ice wedging. Non-motorized transportation challenges include the sidewalk and multiuse trail being in severe disrepair or continually washed out. This trail provides access to Farnham Park and The Circuit connecting users to Philadelphia and the regions trail.

CMP:	Not SOV Capacity Adding	
Municipalities:	Camden City	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Local System Support
Project Manager:	Schoonmaker, Elizabeth	IPD:
Mileposts:	0.12 - 0.5	Sponsor: Camden County
Improvement Type:	Bridge Repair/Replacement	<b>Local Project: Y</b> <b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	CRRSAA-PHILA			4.669							
CON	HWIZ919-PHILA			1.163							
CON	STBGP-PHILA			1.376							
DES	STBGP-PHILA		0.927								
<b>Fiscal Year Total</b>			<b>0.927</b>	<b>7.208</b>							
		<b>Total First Four Years:</b>			<b>8.135</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

**DB# D1914     Mount. Ephraim Avenue Safety Improvements, Ferry Avenue (CR 603) to Haddon Avenue (CR 561)**

AQCODE:     2035M

The extent of parking lanes hampers pedestrian visibility/crossings and the lack of shoulders makes bicycling along the corridor undesirable and unsafe. Project limits are broken out into 3 sections: Section 1- Pine Street to the north of Mt. Vernon Street is currently one lane in the northbound direction and two lanes in the southbound direction and parking on the east side of the roadway. The preferred alternative will provide one lane in each direction with bicycle lanes on both sides and parking on the east side. Section 2- Chestnut Street to Decatur Street is currently one lane in each direction with parking on both sides. The preferred alternative will provide one shared lane (with bicycle) and parking on both sides.

Section 3- Dayton Street to Ferry Avenue is currently two lanes in each direction. The preferred alternative will provide one lane in each direction with bicycle lanes on both sides and parking on the east side. The existing roadway width and sidewalk width in Section 3 will be maintained but roadway width will be reduced to increase the sidewalk width, on the easterly side by two feet in Sections 1 and 2. The alternative will also install curb extensions (bulb-outs) at every corner through the corridor, to improve visibility of pedestrians and reduce pedestrian crossing distances, except where driveways and / or bus stops limit their installation, with ADA compliant ramps. Parking and bicycle lanes would be striped for delineation. 12 additional on-street parking spaces will be created.

CMP:	Not SOV Capacity Adding	Planning Center: None
Municipalities:	Camden City	CIS Program Category: Safety Management
CIS Program Subcategory:		IPD:
Project Manager:	Hui, Kwan	Sponsor: Camden County
Mileposts:		<b>Local Project: Y                      Mapped: Y</b>
Improvement Type:	Bicycle/Pedestrian Improvement	

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
DES	HSIP		0.738									
CON	STBGP-PHILA			9.835								
<b>Fiscal Year Total</b>			<b>0.738</b>	<b>9.835</b>								
		<b>Total First Four Years:</b>			<b>10.573</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

**DB# D2020**      **New or Upgraded Traffic Signal Systems at Intersections, Phase 1**      *NEW-LG*

AQCODE:    NRS

This project will address various intersections that have deficient and/or obsolete traffic signal infrastructure elements and/or have a vehicle and pedestrian crash history by providing improvements to comply with Modern Industry Requirements (MUTCD), improve traffic signal operations, and pedestrian and bicycle improvements.

CMP:

Municipalities:	Camden City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	Local System Support
Project Manager:		IPD:	
Mileposts:	N/A	Sponsor:	City of Camden
Improvement Type:	Signal/ITS Improvements	<b>Local Project:</b>	<b>Y</b>
		<b>Mapped:</b>	<b>Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
CON	STBGP-PHILA				2.476							
DES	STBGP-PHILA		0.150									
PE	STBGP-PHILA	0.250										
<b>Fiscal Year Total</b>		<b>0.250</b>	<b>0.150</b>		<b>2.476</b>							
<b>Total First Four Years:</b>				<b>2.876</b>	<b>Total Later Fiscal Years:</b>							

**DB# D2021**      **New or Upgraded Traffic Signal Systems at Intersections, Phase 2**      *NEW-LG*

AQCODE:    NRS

This project will address various intersections that have deficient and/or obsolete traffic signal infrastructure elements and/or have a vehicle and pedestrian crash history by providing improvements to comply with Modern Industry Requirements (MUTCD), improve traffic signal operations, and pedestrian and bicycle improvements.

CMP:

Municipalities:	Camden City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	Local System Support
Project Manager:		IPD:	
Mileposts:	N/A	Sponsor:	City of Camden
Improvement Type:	Signal/ITS Improvements	<b>Local Project:</b>	<b>Y</b>
		<b>Mapped:</b>	<b>Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
CON	STBGP-PHILA					3.014						
PE	STBGP-PHILA		0.300									
DES	STBGP-PHILA			0.200								
<b>Fiscal Year Total</b>			<b>0.300</b>	<b>0.200</b>		<b>3.014</b>						
<b>Total First Four Years:</b>				<b>0.500</b>	<b>Total Later Fiscal Years:</b>							

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

**DB# D2022**      **New or Upgraded Traffic Signal Systems at Intersections, Phase 3**      **NEW-LG**

**AQCODE:**    NRS

This project will address various intersections that have deficient and/or obsolete traffic signal infrastructure elements and/or have a vehicle and pedestrian crash history by providing improvements to comply with Modern Industry Requirements (MUTCD), improve traffic signal operations, and pedestrian and bicycle improvements.

**CMP:**

Municipalities:	Camden City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	Local System Support
Project Manager:		IPD:	
Mileposts:	N/A	Sponsor:	City of Camden
Improvement Type:	Signal/ITS Improvements	<b>Local Project:</b>	<b>Y</b>
		<b>Mapped:</b>	<b>Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PE	STBGP-PHILA			0.350							
DES	STBGP-PHILA				0.250						
CON	STBGP-PHILA						3.940				
<b>Fiscal Year Total</b>				<b>0.350</b>	<b>0.250</b>		<b>3.940</b>				
		<b>Total First Four Years:    0.600</b>				<b>Total Later Fiscal Years:    3.940</b>					

**DB# 15375**      **Route 30, Cooper Street to Grove Street**      **NEW-G**

**AQCODE:**    S10

Initiated from the Pavement Management System, this project will resurface the pavement within the project limits.

CMP:	Not SOV Capacity Adding	Planning Center:	None
Municipalities:	Camden City; Collingswood Borough; Audubon Borough; Haddon Heights Borough	CIS Program Category:	Road Assets
CIS Program Subcategory:		IPD:	
Project Manager:	Carr, Michael	Sponsor:	NJDOT
Mileposts:	1.47-7.8		
Improvement Type:	Roadway Rehabilitation	<b>Mapped:</b>	<b>Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
UTI	NHPP	0.000									
CON	NHPP		11.650								
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>11.650</b>								
		<b>Total First Four Years:    11.650</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

**DB# 18313**      **Route 42 SB, Leaf Avenue Extension to Creek Road (CR 753)**

**AQCODE:** R3

This project will relocate access to Route 42 ramps further down County Route 753, and provide sufficient lane configurations to accommodate freight movement.

CMP:	Minor SOV Capacity	Adding Subcorr(s): 2B
Municipalities:	Bellmawr Borough	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Congestion Relief
Project Manager:	Rauzino, David	IPD:
Mileposts:	13.85	Sponsor: NJDOT
Improvement Type:	Intersection/Interchange Improvements This project contains ITS elements.	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ROW	NHPP			0.000	3.800							
DES	NHPP		0.000	0.500								
CON	NHPP					0.000	5.800					
PE	NHPP	0.000	0.400									
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.400</b>	<b>0.500</b>	<b>3.800</b>	<b>0.000</b>	<b>5.800</b>					
<b>Total First Four Years:</b>				<b>4.700</b>	<b>Total Later Fiscal Years:</b>				<b>5.800</b>			

**DB# 16342**      **Route 73 and Ramp G, Bridge over Route 130**

**MRPID: 302**

**AQCODE:** S19

Initiated by the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built in 1930 and modified in 1959.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 13A
Municipalities:	Pennsauken Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Marcellus, Evens	IPD:
Mileposts:	32.18	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ROW	NHPP				0.400							
PE	NHPP	1.700										
DES	NHPP			2.520								
CON	NHPP					23.100						
<b>Fiscal Year Total</b>		<b>1.700</b>		<b>2.520</b>	<b>0.400</b>		<b>23.100</b>					
<b>Total First Four Years:</b>				<b>4.620</b>	<b>Total Later Fiscal Years:</b>				<b>23.100</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

DB# 11326A Route 76, Bridges over Route 130

MRPID: 300

AQCODE: S19

Initiated by the Bridge Management System, this project will replace the bridge deck on the Route 76 over Route 130 Northbound bridge and replace the superstructures of the Ramp to Route 76 Northbound over Route 130 Southbound and the Route 76 over 130 Southbound bridge.

CMP: Not SOV Capacity Adding

Adding Subcorr(s): 2B, 6L

Municipalities: Gloucester City

Planning Center: Town Center

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Maevsky, Andrew

IPD:

Mileposts: 0.7-1.2

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	STBGP-OS-BRDG		26.391	26.391							
<b>Fiscal Year Total</b>			<b>26.391</b>	<b>26.391</b>							
		<b>Total First Four Years:</b>			<b>52.782</b>	<b>Total Later Fiscal Years:</b>					

DB# 11326B Route 76, Nicholson Road, Advanced Utility Relocation, Contract 2

MRPID: 300

AQCODE: S19

Nicholson Rd Advanced Utility Relocation

CMP:

Municipalities: Gloucester City

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Maevsky, Andrew

IPD:

Mileposts: 1.59

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP	6.400									
UTI	NHPP	1.000									
<b>Fiscal Year Total</b>		<b>7.400</b>									
		<b>Total First Four Years:</b>			<b>7.400</b>	<b>Total Later Fiscal Years:</b>					





# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

**DB# 16340      Route 130, Bridge over Main Branch of Newton Creek**

**AQCODE:** S19      Initiated by the Bridge Management System, this project will replace the structurally deficient bridge, built in 1927.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Haddon Township

**Planning Center:** None

**CIS Program Subcategory:**

**CIS Program Category:** Bridge Assets

**Project Manager:** Upadhyay, Arpita

**IPD:**

**Mileposts:** 28

**Sponsor:** NJDOT

**Improvement Type:** Bridge Repair/Replacement

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ROW	NHPP		1.105									
CON	NHPP							17.270				
UTI	NHPP			2.000								
<b>Fiscal Year Total</b>			<b>1.105</b>	<b>2.000</b>				<b>17.270</b>				
<b>Total First Four Years:</b>				<b>3.105</b>	<b>Total Later Fiscal Years:</b>				<b>17.270</b>			

**DB# 10341      Route 168, Merchant Street to Ferry Avenue, Pavement**

**AQCODE:** S10      Identified as a priority need in the Pavement Management System, this project includes various levels of pavement reconstruction and resurfacing within the project limits.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Haddon Township; Camden City; Woodlynne Borough

**Planning Center:** None

**CIS Program Subcategory:**

**CIS Program Category:** Road Assets

**Project Manager:** Kennard, Amy

**IPD:**

**Mileposts:** 8.56 - 10.75

**Sponsor:** NJDOT

**Improvement Type:** Roadway Rehabilitation

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP			18.800							
<b>Fiscal Year Total</b>				<b>18.800</b>							
<b>Total First Four Years:</b>				<b>18.800</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

**DB# 15396 Route 168, Route 42 to CR 544 (Evesham Road)**

<b>AQCODE:</b> S10	Initiated from the Pavement Management System, this project will resurface within the project limits.	
<b>CMP:</b>	Not SOV Capacity Adding	
<b>Municipalities:</b>	Washington Township; Gloucester Township; Runnemede Borough	Planning Center: None
<b>CIS Program Subcategory:</b>		CIS Program Category: Road Assets
<b>Project Manager:</b>	Colquitt, Willie	IPD:
<b>Mileposts:</b>	0.0-5.41	Sponsor: NJDOT
<b>Improvement Type:</b>	Roadway Rehabilitation	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP		10.500								
<b>Fiscal Year Total</b>			<b>10.500</b>								
<b>Total First Four Years:</b>				<b>10.500</b>	<b>Total Later Fiscal Years:</b>						

**DB# 355A Route 295/42, Missing Moves, Bellmawr**

MRPID: 75

<b>AQCODE:</b> 2025M	This project consists of new ramps and related improvements to enable motorists to make movements between I-295 and Route 42 which are not possible in the current configuration. Other project improvements include the re-striping of Route 55 Northbound, from one lane to two lanes, from the existing point, where Route 55 Northbound tapers from two lanes to one lane, up to the tie-in with Route 42 Northbound. The second lane on Route 55 Northbound will become a continuous auxiliary lane, up to the proposed entrance to new Ramp A, connecting Route 42 Northbound to I-295 Southbound. The existing Leaf Avenue ramps off Route 42 Northbound will be relocated approximately 750 feet to the South and will intersect with Benigno Blvd. The new exit location off Route 42 Northbound requires a ramp connection, separated from the mainline, to prevent queued traffic at the new intersection from mixing with mainline traffic. This ramp connection splits off from the Ramp A entrance on the left and runs parallel to Route 42 to the new intersection; which will be signalized. Benigno Blvd. will be realigned to meet Edgewood Avenue, and Wellwood Avenue will be extended to a T-intersection with Benigno Blvd.	
<b>CMP:</b>	Major SOV Capacity	Adding Subcorr(s): 2B
<b>Municipalities:</b>	Mount Ephraim Borough; Bellmawr Borough	Planning Center: Suburban Center
<b>CIS Program Subcategory:</b>	Congestion Relief	CIS Program Category: Congestion Relief
<b>Project Manager:</b>	Maevsky, Andrew	IPD:2
<b>Mileposts:</b>	Rt. 295: 25.07 - 26.35; Rt. 42: 12.57 - 13.90; Rt 55: 59.83 - 60.54	Sponsor: NJDOT
<b>Improvement Type:</b>	Roadway New Capacity This project may be suitable for ITS treatments.	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP	20.000									
<b>Fiscal Year Total</b>		<b>20.000</b>									
<b>Total First Four Years:</b>				<b>20.000</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

DB# 355E

Route 295/42/I-76, Direct Connection, Contract 4

MRPID: 77

AQCODE: 2035M

This project relieves the existing bottleneck at the interchange by constructing; a direct connection on I-295 and other highway improvements that will reduce congestion and enhance traffic operations and safety throughout the project area. The improvements include; a six lane mainline through the interchange, elimination of dangerous merging and weaving movements, upgrades to ramp geometry and the addition of shoulders throughout the interchange. Contract 4 includes the reconstruction of I-76 and Route 42 along the entire project limits; the completion of new Ramps C & F, and the completion the new I-295 Northbound direct connection. Contract 4 is a breakout of "Route 295/42/I-76, Direct Connection, Camden County". Improvements that will reduce congestion and enhance traffic operations and safety throughout the project area. The improvements include; a six lane mainline through the interchange, elimination of dangerous merging and weaving movements, upgrades to ramp geometry and the addition of shoulders throughout the interchange. Contract 4 includes the reconstruction of I-76 and Route 42 along the entire project limits; the completion of new Ramps C & F, and the completion the new I-295 Northbound direct connection. Contract 4 is a breakout of "Route 295/42/I-76, Direct Connection, Camden County".

CMP:	Major SOV Capacity	Adding Subcorr(s): 2B
Municipalities:	Bellmawr Borough; Mount Ephraim Borough	Planning Center: Town Center
CIS Program Subcategory:		CIS Program Category: Congestion Relief
Project Manager:	Maevsky, Andrew	IPD:2
Mileposts:	26.41 - 27.8	Sponsor: NJDOT
Improvement Type:	Roadway New Capacity	<b>Mapped: Y</b>
	This project may be suitable for ITS treatments.	

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHFP-HWY		0.000	0.000	80.721	50.677					
CON	NHPP		0.000	0.000	75.426	88.765	52.911				
<b>Fiscal Year Total</b>			<b>0.000</b>	<b>0.000</b>	<b>156.147</b>	<b>139.442</b>	<b>52.911</b>				
		<b>Total First Four Years:</b>			<b>156.147</b>	<b>Total Later Fiscal Years:</b>			<b>192.353</b>		

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

DB# D1913

#### Sicklerville Road (CR 705) and Erial Road (CR 706) Systemic Roundabout

AQCODE: R1

Funds would provide for a roundabout at the intersection CR 705 (Sicklerville Road) and CR 706 (Erial Road) in Winslow Township. The location features a three-leg intersection with skewed alignment and is governed by a stop sign on CR 706. The skewed alignment of the intersection leads to crashes because drivers cannot see well around the corner of the intersection. A roundabout will replace the existing problematic intersection geometry with a circle, thereby allowing drivers a clear visual throughout the entire intersection. There are also multiple occurrences of rear end crashes at the stop sign on CR 706 (Erial Rd) where cars wait to turn onto CR 705 (Sicklerville Rd). The roundabout will alleviate this problem since drivers will slow and yield instead of being required to make a full stop. Further, the existing intersection enables drivers on CR 705 to travel at a high rate of speed toward the nearby intersection of CR 705 and CR 536 (Malaga Road). A roundabout at the intersection of CR 706 and CR 705 will force drivers to slow down, resulting in slower speeds through the intersection of CR 705 and CR 536 and greater driver reaction time. DVRPC's 2009 Regional Roundabout Analysis, Phase II identified this intersection as a priority site for investigation into a roundabout conversion.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 3A, 3B
Municipalities:	Winslow Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Safety Management
Project Manager:	Schoonmaker, Elizabeth	IPD:
Mileposts:		Sponsor: Camden County
Improvement Type:	Intersection/Interchange Improvements	<b>Local Project: Y</b> <b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	HSIP			0.500							
DES	HSIP	0.259									
CON	STBGP-PHILA			1.018							
<b>Fiscal Year Total</b>		<b>0.259</b>		<b>1.518</b>							
<b>Total First Four Years:</b>				<b>1.777</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

**DB# DR2201**     **Walt Whitman Bridge NJ Corridor Resurfacing** *NEW*

AQCODE:     S10

This project includes the 2.2 miles of resurfacing of Ramps BE, BW, and FB of the Walt Whitman Bridge NJ Corridor. Ramps BE and BW extend from the east approach of the Walt Whitman Bridge (at I-676 Intersection) to East Black Horse Pike and Ramp FB carries traffic from I-676 South to I-76 West. This project will involve milling, overlaying, and restriping the ramps. Miscellaneous repairs to various safety, signage, and drainage features identified in Biennial Inspection Reports will also be included. There will be no earth disturbance or regrading. The pavement throughout the NJ approach to the Walt Whitman Bridge from East Approach of Walt Whitman Bridge to E. Black Horse Pike has reached the end of its service life and requires rehabilitation.

CMP:

Municipalities:	Gloucester City	Planning Center: None	
CIS Program Subcategory:		CIS Program Category:	
Project Manager:		IPD:	
Mileposts:		Sponsor: DRPA	
Improvement Type:	Roadway Rehabilitation	<b>Local Project: Y</b>	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)							
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031		
CON	STBGP-PHILA	1.800											
<b>Fiscal Year Total</b>		1.800											
		<b>Total First Four Years:</b>			<b>1.800</b>	<b>Total Later Fiscal Years:</b>							

**Total for Camden:**

111.085	141.735	78.373	163.773	143.632	86.451	18.446	0.700	1.176	0.700	
<b>Total First Four Years:</b>			<b>494.966</b>	<b>Total Later Fiscal Years:</b>			<b>251.105</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

DB# D1906

CR 581 (Commissioners Road), Bridge over Oldman's Creek

NEW-LG

AQCODE: S19

The project will address the deficiencies of the existing bridge structure and dam at the County Line Bridge, 8-F-2, Commissioners Road (CR581) over Oldmans Creek, and restore the structural integrity and safety of this important link between Gloucester and Salem Counties in accordance with AASTO, NJDOT and NJDEP Dam Safety Standards. Bicycle and pedestrian access over the bridge will also be provided. Built in 1912, County Bridge 8-F-2 is deemed structurally deficient and functionally obsolete. The bridge is a single span, reinforced concrete arch culvert with fill, 36 feet in length and 23 feet wide. The bridge carries one lane of traffic in each direction, with a curb-to-curb width of 22.5 feet, which is slightly narrower than the roadway approaches. The Preliminary Preferred Alternative (PPA) is Alternative 5: remove the existing spillway, replace existing bridge with a new 30-foot clear span bridge, and regrade the bottom of Algonkin Lake to create a new stream channel; the existing roadway profile will remain unchanged. A final alternative for bridge rehabilitation or replacement is determined upon federal National Environmental Policy Act (NEPA) or state Environmental Permits and Clearances.

\$300,000 17-STATE-DVRPC funds for PE are expected for FY21 encumbrance.

CMP: Not SOV Capacity Adding

Municipalities: South Harrison Township

Planning Center: None

CIS Program Subcategory: Bridge Preservation

CIS Program Category:

Project Manager: Cihocki, Dave

IPD:

Mileposts: 12.9-13.1

Sponsor: Gloucester County

Improvement Type: Bridge Repair/Replacement

Local Project: Y

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
DES	17-STATE-DVRPC	0.300									
CON	17-STATE-DVRPC	0.000	3.095								
<b>Fiscal Year Total</b>		<b>0.300</b>	<b>3.095</b>								
		<b>Total First Four Years: 3.395</b>			<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

**DB# D2210 CR 654 (Hurffville-Cross Keys Rd), CR 630 (Egg Harbor Rd) to CR 651 (Greentree Rd) NEW**

AQCODE: S10

The project will consist of restoring 1.24 miles of the existing pavement surface through a mill and overlay, new striping and pavement markings, RPMs, upgrade of the existing guiderail, upgrade of pedestrian facilities for ADA/PROWAG compliance, as well as the installation of missing sidewalk connections to create a continuous sidewalk run on the north side of the roadway to provide a pedestrian connection from the Jefferson Hospital Campus to the Washington Township High School complex/Veteran's Park/Municipal Police campus (from CR 651 to CR 630).

CMP:

Municipalities:	Washington Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category:
Project Manager:		IPD:
Mileposts:	4.86 - 6.30	Sponsor: Gloucester County
Improvement Type:	Roadway Rehabilitation	<b>Local Project: Y</b> <b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	CRRSAA-PHILA		0.510								
CON	STBGP-PHILA	2.000									
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>0.510</b>								
		<b>Total First Four Years: 2.510</b>				<b>Total Later Fiscal Years:</b>					

**DB# D2015 CR 655 (Fries Mill Rd), CR 610 (Clayton-Williamstown Rd) to NJ 47**

AQCODE: S10

The project will improve the existing riding surface from the existing aged rough surface and improve safety with drainage improvements, improved cross slopes and superelevation. The existing roadway surface will be milled to reestablish a consistent normal crown cross slope throughout the project limits. A new superelevation will be created through a number of existing horizontal curves. The roadway will be then resurfaced with 2 1/2" of new surface course, and base repairs will be performed. New RPM's, striping and signing will be included in the project. A bike lane link from the existing lanes on CR 610 to Route 47 will also be included.

CMP:

Municipalities:	Franklin Township; Clayton Borough	Planning Center: None
CIS Program Subcategory:		CIS Program Category:
Project Manager:	Cihocki, Dave	IPD:
Mileposts:		Sponsor: Gloucester County
Improvement Type:	Roadway Rehabilitation	<b>Local Project: Y</b> <b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	Local	0.000									
CON	STBGP-FLEX	3.014									
CON	STBGP-PHILA	0.000									
<b>Fiscal Year Total</b>		<b>3.014</b>									
		<b>Total First Four Years: 3.014</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

DB# D2017 CR 706 (Cooper Street) Bridge over Almonesson Creek (Bridge 3-K-3) NEW-LG

AQCODE: S19

This project will replace or rehabilitate Cooper Street (County Route 706) Bridge over Almonesson Creek/at Almonesson Lake (Bridge 3-K-3). The reinforced concrete single span arch was built circa 1926 and is in need of repair. The bridge is rated functionally obsolete with prior inspection recommending widening under the NJDOT Federal Bridge Inspection Program. The bridge has a low sufficiency rating of 65.7. East of the bridge offers access to a public park.

CMP:

Municipalities:	Deptford Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:		IPD:
Mileposts:	1.03 - 1.16	Sponsor:
Improvement Type:	Bridge Repair/Replacement	Local Project: Y <span style="float: right;">Mapped: Y</span>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	STBGP-PHILA					8.926					
DES	STBGP-PHILA			0.100	0.400						
PE	STBGP-PHILA		0.350								
ROW	STBGP-PHILA				0.100						
<b>Fiscal Year Total</b>			<b>0.350</b>	<b>0.100</b>	<b>0.500</b>	<b>8.926</b>					
		<b>Total First Four Years: 0.950</b>				<b>Total Later Fiscal Years: 8.926</b>					

DB# D2019 CR 712 (College Drive) at Alumni Drive Roundabout and Multi-purpose Trail (Circuit) NEW

AQCODE: R1

A roundabout is proposed for the intersection of CR 712 at Alumni Drive to safely address bicycle and pedestrian movements from CR 603 into the campus. The adjoining complementary multi-purpose trail will guide and promote pedestrian and bicycle movements into and around the Rowan College of South Jersey campus, which also aligns and is coincidental with a portion of the Circuit Trail through Gloucester County. The roundabout access and pedestrian connections will promote safe continual access for all buses and traffic that are using the campus, traffic calming, and anticipated traffic congestion.

CMP:

Municipalities:	Deptford Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Multimodal Programs
Project Manager:		IPD:
Mileposts:	0.00 - 0.45	Sponsor: Gloucester County
Improvement Type:	Bicycle/Pedestrian Improvement	Local Project: Y <span style="float: right;">Mapped: Y</span>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	STBGP-PHILA	0.000	1.825								
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>1.825</b>								
		<b>Total First Four Years: 1.825</b>				<b>Total Later Fiscal Years:</b>					



# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

**DB# D9807 Gloucester County Bus Purchase**

AQCODE: M10

In the DVRPC region, a combination of fixed route, subscription, and demand responsive transit services are provided in Gloucester County by the Gloucester Division of Transportation Services (DTS). All are independent community transportation services meeting a variety of needs of their residents. Trip purposes served by these community transit providers include employment, non-emergency medical, nutrition, personal business, and shopping trips. This project provides funds for purchasing new capital equipment, usually lift-equipped vehicles.

CMP: Not SOV Capacity Adding

Municipalities: Various  
 Planning Center: None

CIS Program Subcategory: Local Aid  
 CIS Program Category: Local System Support

Project Manager: Hui, Kwan  
 IPD:

Mileposts: N/A  
 Sponsor: Gloucester County

Improvement Type: Transit Improvements  
**Local Project: Y**      **Mapped: N**  
 This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	CMAQ	0.000		0.162		0.162		0.162		0.162	
<b>Fiscal Year Total</b>		<b>0.000</b>		<b>0.162</b>		<b>0.162</b>		<b>0.162</b>		<b>0.162</b>	
		<b>Total First Four Years:</b>		<b>0.162</b>	<b>Total Later Fiscal Years:</b>		<b>0.486</b>				

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

DB# D1203

#### Gloucester County Multi-Purpose Trail Extension - Glassboro Elk Trail

AQCODE: A2

The project will extend the multi-purpose trail that runs from Glassboro to Williamstown along the former railroad right-of-way to the Elk Township recreational complex, and Elk Township's trail (Elephant Swamp Trail) that runs towards Salem County. The project would not only link to the existing trail that ends at Delsea Drive in Glassboro but also look to link to other facilities such as Rowan University and the Rowan Boulevard project. The trail link to Rowan University would end on campus near Girard Avenue in Glassboro at the future site of the light rail train station that would connect to the City of Woodbury and onward to Philadelphia. A portion of the former rail right-of-way on the easterly side of Route 55 is owned largely by Elk Township. Linking to the existing Elk Township Recreational Complex would involve using the existing bridge on Whig Lane Road (CR619) across Route 55, as well as utilizing a portion of the State highway right-of-way of Route 55 (on the other side of the existing fence away from the highway, separated from any traffic). A small trail bridge is planned across a branch of Still Run along the Route 55 ROW. The southerly link to the Elk Township Recreational Park connects to the Elephant Swamp Trail which extends into Salem County. The project would have the ability to link to existing and planned transit facilities such as: NJ Transit 463 Bus Route in Williamstown on an existing portion of the trail which has connections to NJ Transit's Avondale facility in Camden County (connections to Camden, Philadelphia and Atlantic City); NJ Transit 408 Bus Route in Glassboro at the project beginning of the trail on Route 47 which connects Philadelphia to Millville; the northern terminus of the planned trail at Rowan University in Glassboro would provide a future light rail connection to the City of Woodbury as well as to the Cities of Camden and Philadelphia; and a bike lane link is also planned along a light rail trail spur by the Borough of Glassboro to the Glassboro Arts District along High Street.

Note: The ROW phase was authorized for \$1.0 million 16-STATE-DVRPC funds.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 7E
Municipalities:	Glassboro Borough; Elk Township	Planning Center: None
CIS Program Subcategory:	Local System Support	CIS Program Category: Local System Support
Project Manager:	Berryman, Tom	IPD:
Mileposts:		Sponsor: Gloucester County
Improvement Type:	Bicycle/Pedestrian Improvement	<b>Local Project: Y</b> <b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	17-STATE-DVRPC		0.000								
CON	18-STATE-DVRPC		0.000								
CON	STBGP-PHILA				3.331	0.569					
<b>Fiscal Year Total</b>			<b>0.000</b>		<b>3.331</b>	<b>0.569</b>					
		<b>Total First Four Years: 3.331</b>				<b>Total Later Fiscal Years: 0.569</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

#### DB# D0401 Gloucester County Roadway Safety Improvements

AQCODE: S11

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.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Cihocki, Dave

IPD:

Mileposts: N/A

Sponsor: Gloucester County

Improvement Type: Roadway Rehabilitation

Local Project: Y

Mapped: N

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STBGP-PHILA	1.650	1.000		1.000			1.000			1.000
<b>Fiscal Year Total</b>		<b>1.650</b>	<b>1.000</b>		<b>1.000</b>			<b>1.000</b>			<b>1.000</b>
		<b>Total First Four Years: 3.650</b>			<b>Total Later Fiscal Years: 3.000</b>						

#### DB# D2216 Porchtown Road (CR 613) Bridge over Still Run at Iona Lake

AQCODE: S19

This project will address the deficiencies of the existing bridge structure and dam at the Porchtown Road (County Route 613) Bridge over Still Run at Iona Lake (Bridge 10-K-4). The project will also eliminate or reduce the severity of flooding that occurs, and it will incorporate operational, safety, and pedestrian access improvements to the bridge. The Preferred Alternative proposes a complete replacement of the bridge along its existing horizontal alignment to extend the life of the bridge, correct deficiencies, and meet current design requirements.

CMP:

Municipalities: Franklin Township

Planning Center: None

CIS Program Subcategory:

CIS Program Category:

Project Manager: Coscia, Jr., John

IPD:

Mileposts:

Sponsor: Gloucester County

Improvement Type: Bridge Repair/Replacement

Local Project: Y

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PE	17-STATE-DVRPC		0.400								
DES	17-STATE-DVRPC				0.196						
DES	18-STATE-DVRPC				0.304						
CON	18-STATE-DVRPC					3.000					
<b>Fiscal Year Total</b>			<b>0.400</b>		<b>0.500</b>	<b>3.000</b>					
		<b>Total First Four Years: 0.900</b>			<b>Total Later Fiscal Years: 3.000</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

**DB# 12383      Route 40, CR 555 Intersection, Operational & Safety Improvements**

AQCODE: R1

The purpose of this project is to address operational, physical, and safety deficiencies at the existing intersection. The project will include improvements to curb lines, the addition of channelization islands, and wider shoulders at the intersection. The geometric improvements will accommodate large trucks for all turning movements. A new traffic signal system, and pedestrian accommodations, will be incorporated in the final design in order to meet the current design standards.

CMP: Not SOV Capacity Adding

Municipalities: Franklin Township      Planning Center: None

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: Marcellus, Evens      IPD:

Mileposts: Rt 40: 30.1 - 30.4, CR 555: 21.4 - 21.6      Sponsor: Franklin Township (Gloucester)

Improvement Type: Intersection/Interchange Improvements      **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	STBGP-FLEX	2.800									
<b>Fiscal Year Total</b>		<b>2.800</b>									
		<b>Total First Four Years: 2.800</b>				<b>Total Later Fiscal Years:</b>					

**DB# 15302      Route 41 and Deptford Center Road**

AQCODE: R1

This project will provide intersection improvements that will increase capacity of left turn movements from Deptford Center Road to Rt. 41 Northbound. The current configuration for this movement is single left turn lane, which has contributed to congestion and delays for left-turn vehicles.

CMP: Not SOV Capacity Adding      Adding Subcorr(s): 11A

Municipalities: Deptford Township      Planning Center: Suburban Center

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: Dhulesia, Babulal      IPD:

Mileposts: 3.19      Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements      **Mapped: Y**  
This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ROW	NHPP		1.100								
CON	NHPP				4.250						
<b>Fiscal Year Total</b>			<b>1.100</b>		<b>4.250</b>						
		<b>Total First Four Years: 5.350</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

**DB# 14348**      **Route 45, Bridge over Woodbury Creek**

**AQCODE:**    S19

Initiated by the Bridge Management System, the project will replace the structurally deficient and functionally obsolete bridge, built in 1892 and modified in 1953, with a precast concrete Northeast Extreme Tee (NEXT) Beam structure.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 11B
Municipalities:	Woodbury City	Planning Center: Town Center
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Alam, Muhammad	IPD:
Mileposts:	26.21	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ROW	BFP		0.520								
CON	BFP			8.499							
CON	NHPP			0.000							
ROW	NHPP	0.000									
DES	STATE	1.000									
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>0.520</b>	<b>8.499</b>							
<b>Total First Four Years:</b>				<b>10.019</b>	<b>Total Later Fiscal Years:</b>						

**DB# 11371**      **Route 47, Bridge over Big Timber Creek**

**MRPID: 263**

**AQCODE:**    S19

This project will replace the Route 47 and Route 130 bridges over Big Timber Creek, built in 1934 and 1928, respectively. This project will also address drainage issues (identified by the Drainage Management System) within the project limits.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 6J, 11A
Municipalities:	Westville Borough	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Maevsky, Andrew	IPD:
Mileposts:	74.8 - 75.2	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
UTL	BFP		12.337								
CON	BFP		57.100								
<b>Fiscal Year Total</b>			<b>69.437</b>								
<b>Total First Four Years:</b>				<b>69.437</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

**DB# 12305**      **Route 47, Grove St. to Route 130, Pavement**      **MRPID: 305**

**AQCODE:** S10      Initiated from the Pavement Management System, this project will resurface, rehabilitate and reconstruct within the project limits. The project will update the ADA requirements, and correct a culvert which causes a flooding condition.

**CMP:**                      Not SOV Capacity Adding                      Adding Subcorr(s): 11A

**Municipalities:**              Glassboro Borough; Washington Township; Deptford Township      Planning Center: Town Center  
Westville Borough

**CIS Program Subcategory:**                      CIS Program Category: Road Assets

**Project Manager:**              Maevsky, Andrew                      IPD:

**Mileposts:**                      62.3-74.9                      Sponsor: NJDOT

**Improvement Type:**              Roadway Rehabilitation                      **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
UTI	NHPP				2.200						
CON	STBGP-FLEX					44.200					
<b>Fiscal Year Total</b>					<b>2.200</b>	<b>44.200</b>					
		<b>Total First Four Years: 2.200</b>				<b>Total Later Fiscal Years: 44.200</b>					

**DB# 12306**      **Route 42, Kennedy Ave. to Atlantic City Expressway**      **MRPID: 303**

**AQCODE:** S10      Initiated from the Pavement Management System, this project will resurface, rehabilitate and reconstruct within the project limits. ADA compliance improvements will be included.

**CMP:**                      Not SOV Capacity Adding                      Adding Subcorr(s): 3A

**Municipalities:**              Washington Township                      Planning Center: None

**CIS Program Subcategory:**                      CIS Program Category: Road Assets

**Project Manager:**              Maevsky, Andrew                      IPD:

**Mileposts:**                      3.4-6.6; 3.4-6.1                      Sponsor: NJDOT

**Improvement Type:**              Roadway Rehabilitation                      **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP		62.300								
<b>Fiscal Year Total</b>			<b>62.300</b>								
		<b>Total First Four Years: 62.300</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

DB# 21366 **Rowan University Fossil Park Roadway and Intersection Improvement at Woodbury Glassboro Road (CR 553)** MRPID: 310 **NEW**

AQCODE: NRS

This new roadway will connect into Woodbury Glassboro Rd. (CR 553) at the existing intersection with Mantua Boulevard (CR 676). The roadway will run from the existing intersection to the site of the new Rowan University Fossil Museum, a World Heritage site and is being developed by Rowan University. The existing signal will be modified to also control the entrance roadway, which will come into the intersection directly across from Mantua Boulevard.

CMP:

Municipalities:	Mantua Township	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	Local System Support
Project Manager:		IPD:	
Mileposts:	CR 676: 0; CR 553: 44.67	Sponsor:	Gloucester County
Improvement Type:	Roadway New Capacity		<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	STATE	12.000									
<b>Fiscal Year Total</b>		<b>12.000</b>									
		<b>Total First Four Years: 12.000</b>				<b>Total Later Fiscal Years:</b>					

DB# D2211 **US 322/CR 536 (Swedesboro Rd), Woolwich-Harrison Twp Line to NJ 55** **NEW**

AQCODE: S10

The project will consist of restoring 6.7 miles of the existing pavement surface through a mill and overlay, new striping and pavement markings, RPMs, upgrade of the existing guiderail and upgrade of pedestrian facilities for ADA/PROWAG compliance. Sidewalk will be connected from Myers Drive to Tomlin Station Road on the southerly side of the roadway segment and from Tomlin Station Road to Witherspoon Drive on the north side. This will provide an integrated sidewalk system from the Cherry Lawn/Mullica Station sections of Harrison Township to the Inspira Health Center.

CMP:

Municipalities:	Harrison Township	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:		IPD:	
Mileposts:	8.5 - 15.2	Sponsor:	Gloucester County
Improvement Type:	Roadway Rehabilitation	<b>Local Project: Y</b>	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	STBGP-PHILA	9.129	0.000								
<b>Fiscal Year Total</b>		<b>9.129</b>	<b>0.000</b>								
		<b>Total First Four Years: 9.129</b>				<b>Total Later Fiscal Years:</b>					

**Total for Gloucester:**

<b>31.593</b>	<b>137.042</b>	<b>8.761</b>	<b>11.281</b>	<b>56.857</b>	<b>1.000</b>	<b>0.162</b>	<b>1.000</b>	<b>0.162</b>	<b>1.000</b>
<b>Total First Four Years: 188.677</b>				<b>Total Later Fiscal Years: 60.181</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

**DB# D2308 Arena Drive (CR 620) and South Broad Street (CR 524) Multimodal Safety**

AQCODE: X1

This project has the goal to implement bicycle and pedestrian safety improvements on linked road segments forming a generally east-west, three-mile corridor in Hamilton Township, Mercer County. Arena Drive is a low-volume, four-lane highway long targeted for a road diet. Several segments are on various 2019 NJDOT-DVRPC HSIP screening lists (Ped, Ped-Bike, HSIP Corridor). The subject segment of South Broad is a two lane principal arterial with shoulders generally wide enough to accommodate bicycle lanes, though some sidewalk installation and widening to form off-street multipurpose paths may be necessary. The project segment on South Broad includes a one-mile segment (1.11-2.11) with a county rank of 18 in the 2019 HSIP Corridor screening. The southeast project terminus is a proposed rail-trail adjacent to a chain supermarket. On both roads, property frontage is primarily residential, with two schools and some commercial. Improvements may include several roundabouts.

CMP:

Municipalities:	Trenton City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Lawson, Matthew	IPD:	
Mileposts:		Sponsor:	Mercer County
Improvement Type:	Bicycle/Pedestrian Improvement	Local Project:	Y
		Mapped:	Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
LCD	STBGP-TRENTON		0.751								
<b>Fiscal Year Total</b>			<b>0.751</b>								
		<b>Total First Four Years: 0.751</b>				<b>Total Later Fiscal Years:</b>					

**DB# D2309 Calhoun Street Extension (653) Extension and Multimodal Safety**

AQCODE: X1

DVRPC's 2008 'Mercer Crossings Traffic Study' recommended construction of a new alignment of Calhoun Street (CR 653) between Kirkbride and Olden as 'the best way forward' (DVRPC product #07039, p. 64) to mitigate congestion in this part of the county. Calhoun currently merges onto Princeton Avenue (US 206S) and adds truck and vehicular traffic to the high-delay intersection of Princeton Avenue with Olden Avenue (CR 622). Extending Calhoun along its southerly alignment would divert traffic to reduce congestion; provide an alternate route for heavy trucks from waste transfer stations now traversing residential neighborhoods; improve opportunities for economic development; and add a multimodal connection between the city center and the Olden Avenue commercial corridor. Intersection improvements in PE for Olden Avenue anticipate this connection.

CMP:

Municipalities:	Trenton City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Lawson, Matthew	IPD:	
Mileposts:		Sponsor:	Mercer County
Improvement Type:	Other	Local Project:	Y
		Mapped:	Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
LCD	STBGP-TRENTON		0.500								
<b>Fiscal Year Total</b>			<b>0.500</b>								
		<b>Total First Four Years: 0.500</b>				<b>Total Later Fiscal Years:</b>					



# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

**DB# D2023**      **Circulation Improvements Around Trenton Transit Center**      **MRPID: 308**      **NEW-LG**

AQCODE:    2035M

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.

CMP:

Municipalities:	Trenton City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	Multimodal Programs
Project Manager:		IPD:	
Mileposts:	N/A	Sponsor:	
Improvement Type:	Bicycle/Pedestrian Improvement	<b>Local Project: Y</b>	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	STBGP-TRENTON					5.285					
DES	STBGP-TRENTON			0.140							
PE	STBGP-TRENTON	0.000	0.160								
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.160</b>	<b>0.140</b>		<b>5.285</b>					
		<b>Total First Four Years: 0.300</b>			<b>Total Later Fiscal Years: 5.285</b>						

**DB# D2307**      **Congestion Management in the Trenton Urbanized Area**

AQCODE:    X1

This project has the goal of developing recommendations for systemic congestion management improvements for travel corridors within the Mercer County portion of the Trenton Urbanized Area. Existing traffic controls are managed by five separate agencies, many signals are aging, all lack interconnection and centralized control, and most corridors have unsynchronized timing plans. The proposed local concept development project would assess intersections for contemporary traffic control warrants, consider improvement alternatives, and propose a preferred alternative for a fiscally responsible program of phased implementation of improvements. Several breakout projects may result, including subsequent concept development studies for intersection operational and geometric improvements.

CMP:

Municipalities:	Various	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Lawson, Matthew	IPD:	
Mileposts:		Sponsor:	Mercer County
Improvement Type:	Other	<b>Local Project: Y</b>	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
LCD	STBGP-TRENTON		1.638								
<b>Fiscal Year Total</b>			<b>1.638</b>								
		<b>Total First Four Years: 1.638</b>			<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

DB# D2014

CR 622 (North Olden Ave), NJ 31 (Pennington Rd) to New York Ave

NEW-LG

AQCODE: R1

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.

CMP:

Municipalities: Ewing Township; Trenton City

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Local System Support

Project Manager: Skala, Kyle

IPD:

Mileposts: 3.73 - 5.56

Sponsor:

Improvement Type: Roadway New Capacity

Local Project: Y

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
DES	STBGP-TRENTON			2.000							
PE	STBGP-TRENTON	1.160									
CON	STBGP-TRENTON					4.356	5.428	4.501	5.575	4.650	
<b>Fiscal Year Total</b>		<b>1.160</b>		<b>2.000</b>		<b>4.356</b>	<b>5.428</b>	<b>4.501</b>	<b>5.575</b>	<b>4.650</b>	
		<b>Total First Four Years: 3.160</b>			<b>Total Later Fiscal Years: 24.510</b>						

DB# D2205

D&R Greenway Connector, Wellness Loop to Union St./Cooper Field (Circuit)

NEW

AQCODE: A2

The project will construct a multi-use trail from Wellness Loop to Union Street adjacent to Cooper Field. The trail segment is part of The Circuit, a planned 800+ mile interconnected network of multi-use trails spanning Greater Philadelphia with Philadelphia and Camden as its hub.

CMP:

Municipalities: Trenton City

Planning Center: None

CIS Program Subcategory:

CIS Program Category:

Project Manager:

IPD:

Mileposts:

Sponsor:

Improvement Type: Bicycle/Pedestrian Improvement

Local Project: Y

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	HWIZ905-TRENTON	0.563									
CON	STBGP-TRENTON	0.348									
<b>Fiscal Year Total</b>		<b>0.911</b>									
		<b>Total First Four Years: 0.911</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

**DB# 99334 Duck Island Landfill, Site Remediation**

AQCODE: S2

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.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 1A  
 Municipalities: Hamilton Township Planning Center: None  
 CIS Program Subcategory: Quality of Life CIS Program Category: Road Assets  
 Project Manager: Yovankin, Meghan IPD:3  
 Mileposts: N/A Sponsor: NJDOT  
 Improvement Type: Other **Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STATE	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
<b>Fiscal Year Total</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>
<b>Total First Four Years:</b>				<b>0.400</b>	<b>Total Later Fiscal Years:</b>				<b>0.600</b>	

**DB# D2306 Intersection Improvements, Various Locations**

AQCODE: X1

This Local Concept Development Project will consider conversion of seven signalized intersections to modern roundabouts:  
 Parkside Avenue (CR 636) at Buttonwood and at Spruce Street  
 Prospect Street (CR 627) at Buttonwood and at Spruce Street  
 Pennington-Lawrenceville Road (CR 546) at Blackwell Road, at Stephenson Road, and at Keefe Road

CMP:  
 Municipalities: Trenton City Planning Center: None  
 CIS Program Subcategory: CIS Program Category:  
 Project Manager: Lawson, Matthew IPD:  
 Mileposts: Sponsor: Mercer County  
 Improvement Type: Intersection/Interchange Improvements **Local Project: Y Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
LCD STBGP-TRENTON		0.600								
<b>Fiscal Year Total</b>		<b>0.600</b>								
<b>Total First Four Years:</b>				<b>0.600</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

DB# D1710

**Lincoln Ave/Chambers Street (CR 626), Bridge over Amtrak & Assunpink Creek**

MRPID: 304

AQCODE: S19

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.

CMP: Not SOV Capacity Adding

Municipalities: Trenton City

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Local System Support

Project Manager: Kumar, Arun

IPD:

Mileposts: 0.0-0.12

Sponsor: Mercer County

Improvement Type: Bridge Repair/Replacement

Local Project: Y

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	OTHER-DVRPC			16.400	16.400	8.200					
DES	STBGP-TRENTON	3.500									
<b>Fiscal Year Total</b>		<b>3.500</b>		<b>16.400</b>	<b>16.400</b>	<b>8.200</b>					
<b>Total First Four Years:</b>				<b>36.300</b>	<b>Total Later Fiscal Years:</b>				<b>8.200</b>		

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

**DB# D1011 Mercer County Bus Purchase**

AQCODE: M10 This program will provide for the purchase of buses and bus equipment for transportation services programs in Mercer County.

CMP:	Not SOV Capacity Adding	Planning Center: None
Municipalities:	Various	CIS Program Category: Local System Support
CIS Program Subcategory:		IPD:
Project Manager:	Hui, Kwan	Sponsor: Mercer County
Mileposts:	0	<b>Local Project: Y</b> <b>Mapped: Y</b>
Improvement Type:	Transit Improvements	

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC            CMAQ	0.000		0.842		0.664		0.842		0.842	
<b>Fiscal Year Total</b>	<b>0.000</b>		<b>0.842</b>		<b>0.664</b>		<b>0.842</b>		<b>0.842</b>	
	<b>Total First Four Years:</b>			<b>0.842</b>	<b>Total Later Fiscal Years:</b>			<b>2.348</b>		

**DB# D0412 Mercer County Roadway Safety Improvements**

AQCODE: S11 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.

CMP:	Not SOV Capacity Adding	Planning Center: None
Municipalities:	Various	CIS Program Category: Local System Support
CIS Program Subcategory:	Local Aid	IPD:
Project Manager:	Kumar, Arun	Sponsor: Mercer County
Mileposts:	N/A	<b>Local Project: Y</b> <b>Mapped: N</b>
Improvement Type:	Roadway Rehabilitation	

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC            STBGP-TRENTON				0.800		1.000		1.000		1.000
<b>Fiscal Year Total</b>				<b>0.800</b>		<b>1.000</b>		<b>1.000</b>		<b>1.000</b>
	<b>Total First Four Years:</b>			<b>0.800</b>	<b>Total Later Fiscal Years:</b>			<b>3.000</b>		

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

**DB# D2310 NJ 29, Landing Street to North of Calhoun Street (CR 653)**

AQCODE: X1

This project will consider new alternatives for NJDOT's 2009 Feasibility Assessment, DB# 02396B, 'Route 29 Boulevard, Cass Street to North of Calhoun Street (Southern Section).' The preferred alternative for this section from the 2009 project would involve converting the existing highway to an urban boulevard. This will consider facility resilience against riverine flooding, recreational access to the Delaware River, and impacts on development opportunities in the City of Trenton.

CMP:

Municipalities:	Trenton City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Lawson, Matthew	IPD:	
Mileposts:		Sponsor:	Mercer County
Improvement Type:		Local Project:	Y
		Mapped:	Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
LCD	STBGP-TRENTON		1.427								
<b>Fiscal Year Total</b>			<b>1.427</b>								
		<b>Total First Four Years: 1.427</b>				<b>Total Later Fiscal Years:</b>					

**DB# 17412 North Olden Avenue (CR 622), Bridge over Amtrak**

AQCODE: S19

Initiated from the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built in 1923.

CMP:

	Not SOV Capacity Adding	Adding Subcorr(s):	4A, 9A
Municipalities:	Trenton City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	Bridge Assets
Project Manager:	Obidike, Tony	IPD:	
Mileposts:	3.07-3.11	Sponsor:	NJDOT
Improvement Type:		Mapped:	Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ROW	BFP				1.000						
CON	BFP					15.000					
DES	BFP			1.600							
PE	BFP		2.000								
UTI	BFP				2.000						
<b>Fiscal Year Total</b>			<b>2.000</b>	<b>1.600</b>	<b>3.000</b>	<b>15.000</b>					
		<b>Total First Four Years: 6.600</b>				<b>Total Later Fiscal Years: 15.000</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

**DB# D1910 Parkway Avenue (CR 634), Scotch Road (CR 611) to Route 31 (Pennington Road)**

AQCODE: 2035M

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.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 8A
Municipalities:	Ewing Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Local System Support
Project Manager:	Hui, Kwan	IPD:
Mileposts:	2.2-4.4	Sponsor: Mercer County
Improvement Type:	Intersection/Interchange Improvements This project contains ITS elements.	<b>Local Project: Y</b> <b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	HSIP				3.000	3.000	0.956				
DES	HSIP		1.500								
<b>Fiscal Year Total</b>			<b>1.500</b>		<b>3.000</b>	<b>3.000</b>	<b>0.956</b>				
		<b>Total First Four Years:</b>			<b>4.500</b>	<b>Total Later Fiscal Years:</b>			<b>3.956</b>		

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

DB# D0701

Princeton-Hightstown Road Improvements, CR 571

MRPID: 81

AQCODE: S6

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.

Note:  
\$951,000 (\$800,000 15-STATE-DVRPC/\$151,000 18-STATE-DVRPC) were encumbered for this project's Final Design (DES) phase.

CMP:	Minor SOV Capacity	Adding Subcorr(s): 14B
Municipalities:	West Windsor Township	Planning Center: None
CIS Program Subcategory:	Local Aid	CIS Program Category: Local System Support
Project Manager:	Kumar, Arun	IPD:0
Mileposts:	40.32 - 40.97	Sponsor: Mercer County
Improvement Type:	Intersection/Interchange Improvements	<b>Local Project: Y</b> <b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
DES	16-STATE-DVRPC		0.193								
CON	16-STATE-DVRPC	0.000									
DES	18-STATE-DVRPC		0.122								
CON	18-STATE-DVRPC	0.000		9.923							
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.315</b>	<b>9.923</b>							
<b>Total First Four Years:</b>				<b>10.238</b>	<b>Total Later Fiscal Years:</b>						



# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

DB# 18305 Prospect Street, Bridge over Belvidere-Delaware RR (Abandoned)

AQCODE: S19 Initiated from the Bridge Management System, this project will rehabilitate the structurally deficient bridge, built in 1913.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 8A
Municipalities:	Trenton City	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Dhulesia, Babulal	IPD:
Mileposts:	0.18	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ROW	BFP			0.500							
CON	BFP				3.041						
DES	BFP			1.500							
PE	BFP		1.400								
CON	STBGP-FLEX				0.000						
DES	STBGP-FLEX		0.000								
ROW	STBGP-FLEX			0.000							
PE	STBGP-FLEX	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>1.400</b>	<b>2.000</b>	<b>3.041</b>						
		<b>Total First Four Years: 6.441</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

DB# 17419

Route 1, Alexander Road to Mapleton Road

MRPID: 84

AQCODE: 2035M

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).

63% (\$23.769 M) of the \$37.7 M total project costs are in the DVRPC and the remaining 37% (\$13.932 M) of the total project cost are in the NJTPA region, accordingly:

- \$7.5 M total for ROW (\$5.83 M in DVRPC region/ \$1.670 M in NJTPA region)
- \$11.2 M total for UTL in the DVRPC region
- \$19 M total for CON (\$6.739 M in DVRPC region/ \$12.261 M in NJTPA region)

CMP: Minor SOV Capacity Adding Subcorr(s): 4C, 14A  
 Municipalities: West Windsor Township Planning Center: Metropolitan Subcenter  
 CIS Program Subcategory: CIS Program Category: Congestion Relief  
 Project Manager: Carr, Michael IPD:  
 Mileposts: 10.8 - 12.07 Sponsor: NJDOT  
 Improvement Type: Roadway New Capacity Mapped: Y  
 This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
UTI	CMAQ				0.000						
ROW	CMAQ	0.000									
CON	CMAQ							0.000			
UTI	NHPP					11.200					
ROW	NHPP				5.830						
CON	NHPP							6.739			
<b>Fiscal Year Total</b>		<b>0.000</b>			<b>5.830</b>	<b>11.200</b>		<b>6.739</b>			
		<b>Total First Four Years: 5.830</b>			<b>Total Later Fiscal Years: 17.939</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

**DB# 16336**      **Route 1B, Bridge over Shabakunk Creek**

**AQCODE:** S19      Initiated by the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built in 1928.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 4B
Municipalities:	Lawrence Township	Planning Center: Metropolitan Subcenter
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Obidike, Tony	IPD:
Mileposts:	1.51	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP							14.500			
ROW	STATE		0.100								
<b>Fiscal Year Total</b>			<b>0.100</b>					<b>14.500</b>			
			<b>Total First Four Years:</b>	<b>0.100</b>				<b>Total Later Fiscal Years:</b>	<b>14.500</b>		

**DB# 19360**      **Route 27, Witherspoon Street** **NEW**

**AQCODE:** S6      This project will improve pedestrian and bicyclist safety by making intersection improvements such as upgrading existing traffic signal equipment, revising the signal phasing/timings, and upgrading curb ramps to meet ADA requirements. Additional improvements will include milling and resurfacing of the intersection, adding curb extensions, modifying lane widths, and line striping.

CMP:	Princeton Borough	Planning Center: None
Municipalities:		CIS Program Category: Safety Management
CIS Program Subcategory:		IPD:
Project Manager:	Patel, Jaimini	Sponsor: NJDOT
Mileposts:	0.26-0.26	
Improvement Type:	Bicycle/Pedestrian Improvement	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	CRRSAA-FLEX	0.950									
<b>Fiscal Year Total</b>		<b>0.950</b>									
			<b>Total First Four Years:</b>	<b>0.950</b>				<b>Total Later Fiscal Years:</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

**DB# 07319B    Route 29, Cass Street to Calhoun Street, Drainage**

AQCODE: S2

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.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 8A
Municipalities:	Trenton City	Planning Center: Metropolitan Subcenter
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Locke, Donald	IPD:
Mileposts:	2.94 - 4.34	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP	29.790	12.000								
ROW	STATE	0.732									
<b>Fiscal Year Total</b>		<b>30.522</b>	<b>12.000</b>								
			<b>Total First Four Years:</b>	<b>42.522</b>	<b>Total Later Fiscal Years:</b>						

**DB# 15317    Route 64, Bridge over Amtrak**

AQCODE: S19

Initiated by the Bridge Management System, this project will replace the structurally deficient bridge. The mileposts of this project are from 0.00 to 0.32.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 4C, 14A
Municipalities:	West Windsor Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Dhulesia, Babulal	IPD:
Mileposts:	0.12	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PE	BFP		3.556								
<b>Fiscal Year Total</b>			<b>3.556</b>								
			<b>Total First Four Years:</b>	<b>3.556</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

DB# 16339

#### Route 130, Bridge over Millstone River

NEW

AQCODE: S19

Initiated by the Bridge Management System, this project will replace the structurally deficient bridge, built in 1936.

50% (\$4.2 M) of the \$8.4 M total project cost is in the DVRPC region and the remaining 50% (\$4.2 M) of the total project cost is in the NJTPA region, accordingly:  
 - \$100,000 total for FY22 ROW (\$50,000 STATE in DVRPC region/ \$50,000 STATE in NJTPA region)  
 - \$8.3 M total for FY23 CON (\$4.15 M NHPP in DVRPC region/ \$4.15 M NHPP in NJTPA region)

CMP:  
 Municipalities: East Windsor Township Planning Center: None  
 CIS Program Subcategory: Bridge Assets  
 Project Manager: Carr, Michael IPD:  
 Mileposts: 70.04 Sponsor: NJDOT  
 Improvement Type: Bridge Repair/Replacement Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP		4.150								
ROW	STATE	0.050									
<b>Fiscal Year Total</b>		<b>0.050</b>	<b>4.150</b>								
<b>Total First Four Years:</b>				<b>4.200</b>	<b>Total Later Fiscal Years:</b>						

DB# 11309

#### Route 130, Westfield Ave. to Main Street

AQCODE: S10

Initiated from the Pavement Management System, this project consists of milling, resurfacing and rehabilitating the roadway within the project limits.

52% (\$11.898 M) of the \$22.901 M total project CON cost is in the DVRPC region, and the remaining 48% (\$11.003 M) of total project CON cost is in the NJTPA region.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 6A  
 Municipalities: East Windsor Township Planning Center: Town Center  
 CIS Program Subcategory: Road Assets  
 Project Manager: Hameed, Omar IPD:  
 Mileposts: 67.8 - 72.8 Sponsor: NJDOT  
 Improvement Type: Roadway Rehabilitation Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP		11.898		0.000						
<b>Fiscal Year Total</b>			<b>11.898</b>		<b>0.000</b>						
<b>Total First Four Years:</b>				<b>11.898</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

#### DB# L064 Route 206, South Broad Street Bridge over Assunpink Creek

**AQCODE:** S19 Initiated by the Bridge Management System, this project will rehabilitate the structurally deficient and functionally obsolete bridge, built in 1843.

<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 4A, 8A
<b>Municipalities:</b>	Trenton City	Planning Center: Metropolitan Subcenter
<b>CIS Program Subcategory:</b>	Bridge Preservation	CIS Program Category: Local System Support
<b>Project Manager:</b>	Dhulesia, Babulal	IPD:7
<b>Mileposts:</b>	42.70	Sponsor: NJDOT
<b>Improvement Type:</b>	Bridge Repair/Replacement	<b>Local Project: Y</b> <b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
CON	CRRSAA-TRENTON		2.102									
CON	HWIZ910-TRENTON		0.368									
CON	HWIZ919-TRENTON		0.300									
CON	STBGP-TRENTON			3.010	4.453	0.073	0.109	1.170	1.170	1.170	1.170	
<b>Fiscal Year Total</b>			<b>2.770</b>	<b>3.010</b>	<b>4.453</b>	<b>0.073</b>	<b>0.109</b>	<b>1.170</b>	<b>1.170</b>	<b>1.170</b>	<b>1.170</b>	
<b>Total First Four Years:</b>				<b>10.233</b>	<b>Total Later Fiscal Years:</b>						<b>4.872</b>	

#### DB# 99362 Trenton Amtrak Bridges

**AQCODE:** S19 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.

<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 4A, 9A
<b>Municipalities:</b>	Trenton City	Planning Center: None
<b>CIS Program Subcategory:</b>	Bridge Preservation	CIS Program Category: Bridge Assets
<b>Project Manager:</b>	Kasbekar, Mike	IPD:8
<b>Mileposts:</b>	CR 635: 0.19-0.31	Sponsor: NJDOT
<b>Improvement Type:</b>	Bridge Repair/Replacement	<b>Local Project: Y</b> <b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
CON	BFP				56.000							
ROW	BFP		3.200									
<b>Fiscal Year Total</b>			<b>3.200</b>		<b>56.000</b>							
<b>Total First Four Years:</b>				<b>59.200</b>	<b>Total Later Fiscal Years:</b>							

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

Total for Mercer:

37.193	47.750	26.092	92.624	43.522	6.521	22.040	13.510	7.687	6.920	
<b>Total First Four Years:</b>				<b>203.659</b>	<b>Total Later Fiscal Years:</b>				<b>100.210</b>	

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

**DB# D2303      2025 On-Board and Household Travel Survey Planning**

AQCODE: X1

DVRPC FY2024 UPWP project #24-34-200. Develops data collection plan for a comprehensive On-Board Survey and Household Travel Survey, which provide up-to-date trip and tour rates by purpose and household or person type; insights into the interactions between transportation and land use; origin, destination, and trip length frequency data; detailed statistics on the factors that affect mode choice and transit ridership; and information on how auto operating costs, tolls, fares, and parking charges impact the transportation system.

CMP: Planning Center: None  
 Municipalities: CIS Program Category: Local System Support  
 CIS Program Subcategory: IPD:  
 Project Manager: Sponsor:  
 Mileposts: **Local Project: Y                      Mapped: Y**  
 Improvement Type:

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PLS	STBGP-PHILA		0.060								
<b>Fiscal Year Total</b>			<b>0.060</b>								
		<b>Total First Four Years:</b>			<b>0.060</b>	<b>Total Later Fiscal Years:</b>					

**DB# 03304      Bridge Deck/Superstructure Replacement Program**

AQCODE: S19

This program will provide funding for design and construction of deck preservation, deck replacement and superstructure replacement projects in various locations throughout the state. This is a statewide program which will address an approved priority listing of deficient bridge decks. This program will also provide funding for recommendations, survey, aerial photography, photogrammetry, base mapping and engineering. FY22 STBGP-FLEX funded bridges: CR 583 (Princeton Pike), Bridge over Rt 295 & Ramps B & D, are classified as On-System STP Bridges.

CMP: Not SOV Capacity Adding Planning Center: None  
 Municipalities: Various CIS Program Category: Bridge Assets  
 CIS Program Subcategory: Bridge Preservation IPD:  
 Project Manager: Shah, Atul Sponsor: NJDOT  
 Mileposts: N/A **Mapped: N**  
 Improvement Type: Bridge Repair/Replacement

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	NHPP	4.000	2.996	3.147	3.858	13.000	18.000	13.000	10.650	10.650	10.650
ERC	STBGP-FLEX	2.214									
<b>Fiscal Year Total</b>		<b>6.214</b>	<b>2.996</b>	<b>3.147</b>	<b>3.858</b>	<b>13.000</b>	<b>18.000</b>	<b>13.000</b>	<b>10.650</b>	<b>10.650</b>	<b>10.650</b>
		<b>Total First Four Years:</b>			<b>16.215</b>	<b>Total Later Fiscal Years:      75.950</b>					



# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

**DB# DR2202 DRPA Systemwide Crash Cushion Attenuating Replacement NEW**

**AQCODE:** S9

This project will replace 58 existing substandard crash cushion attenuators at the Betsy Ross Bridge, Ben Franklin Bridge, Walt Whitman Bridge, and Commodore Barry approaches and toll plazas with AASHTO Manual for Assessing Safety Hardware (MASH) compliant that FHWA adopted in 2015 and NJDOT/PENNDOT approved products. The goal of this project is to improve the overall safety along our facilities to a uniform and code compliant level.

**CMP:**

**Municipalities:** Pennsauken Township; Camden City; Gloucester City; Logan Township      **Planning Center:** None

**CIS Program Subcategory:**      **CIS Program Category:**

**Project Manager:**      **IPD:**

**Mileposts:**      **Sponsor:** DRPA

**Improvement Type:** Other      **Local Project:** Y      **Mapped:** Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
CON	STBGP-PHILA		2.100									
<b>Fiscal Year Total</b>			<b>2.100</b>									
		<b>Total First Four Years: 2.100</b>				<b>Total Later Fiscal Years:</b>						

**DB# D2305 DVRPC Carbon Reduction Program NEW**

**AQCODE:** NRS

This new federal-aid funding category established under the IIJA/BIL provides for projects that will reduce transportation emissions, as well as the development of carbon reduction strategies. A carbon reduction strategy is required to identify projects and strategies to support the reduction of transportation emissions. NJDOT's Statewide Carbon Reduction Strategy is due to the federal government by the middle of November 2023. DVRPC is also be pursuing the creation of a regional Carbon Reduction Strategy in the FY24 UPWP.

**CMP:**

**Municipalities:**      **Planning Center:** None

**CIS Program Subcategory:**      **CIS Program Category:**

**Project Manager:** Buerk, Jesse      **IPD:**

**Mileposts:**      **Sponsor:** DVRPC

**Improvement Type:** Other      **Local Project:** Y      **Mapped:** Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	CR-PHILA		5.102	2.627	2.680	2.734	2.788	2.844	2.901	2.959	3.018
ERC	CR-TRENTON		1.315	0.667	0.690	0.704	0.718	0.733	0.747	0.762	0.778
<b>Fiscal Year Total</b>			<b>6.417</b>	<b>3.294</b>	<b>3.370</b>	<b>3.438</b>	<b>3.506</b>	<b>3.577</b>	<b>3.648</b>	<b>3.721</b>	<b>3.796</b>
		<b>Total First Four Years: 13.081</b>				<b>Total Later Fiscal Years: 21.686</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

#### DB# D026 DVRPC, Future Projects

AQCODE: X3

This program provides funding for local projects to be selected by the Delaware Valley Regional Planning Commission, the designated Metropolitan Planning Organization for Burlington, Gloucester, Mercer and Camden counties.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Local Aid CIS Program Category: Local System Support

Project Manager: Hui, Kwan IPD:

Mileposts: N/A Sponsor: DVRPC

Improvement Type: Other **Local Project: Y** **Mapped: N**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	14-STATE-DVRPC	0.000										
ERC	15-STATE-DVRPC	0.000										
ERC	16-STATE-DVRPC	0.000										
ERC	HWIZ910-PHILA		0.000									
ERC	STBGP-PHILA	0.823	3.599	0.000	0.000	4.891	12.736	17.956	17.240	18.526	17.816	
ERC	STBGP-TRENTON	0.000										
<b>Fiscal Year Total</b>		<b>0.823</b>	<b>3.599</b>	<b>0.000</b>	<b>0.000</b>	<b>4.891</b>	<b>12.736</b>	<b>17.956</b>	<b>17.240</b>	<b>18.526</b>	<b>17.816</b>	
<b>Total First Four Years:</b>				<b>4.422</b>	<b>Total Later Fiscal Years:</b>				<b>89.165</b>			

#### DB# 10347 Local Aid Consultant Services

AQCODE: X1

This program provides funding for consultant services to assist local public agencies in administering projects and provide oversight to recipients receiving Local Aid funds. The program also provides overall quality assurance and quality control for the project delivery process.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Local Aid CIS Program Category: Local System Support

Project Manager: Seaman, Julie IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other **Local Project: Y** **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STBGP-PHILA		0.200		0.200		0.200		0.200		0.200	
<b>Fiscal Year Total</b>			<b>0.200</b>		<b>0.200</b>		<b>0.200</b>		<b>0.200</b>		<b>0.200</b>	
<b>Total First Four Years:</b>				<b>0.400</b>	<b>Total Later Fiscal Years:</b>				<b>0.600</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

#### DB# X065 Local CMAQ Initiatives

AQCODE: X3

Under the guidance of the Metropolitan Planning Organizations, local projects will be developed that will enhance air quality. Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds are allocated to the states for use in non-attainment and maintenance areas for projects that contribute to the attainment of the Clean Air Act standards by reducing emissions from highway sources.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: Quality of Life  
 Project Manager: DeRose, Jamie  
 Mileposts: N/A  
 Improvement Type: Other

Planning Center: None  
 CIS Program Category: Congestion Relief  
 IPD:  
 Sponsor: Local Lead  
**Local Project: Y**                      **Mapped: N**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC CMAQ	1.530	1.278	1.190	1.442	1.640	1.510	1.462	1.510	1.386	1.510
<b>Fiscal Year Total</b>	<b>1.530</b>	<b>1.278</b>	<b>1.190</b>	<b>1.442</b>	<b>1.640</b>	<b>1.510</b>	<b>1.462</b>	<b>1.510</b>	<b>1.386</b>	<b>1.510</b>
<b>Total First Four Years:</b>				<b>5.440</b>	<b>Total Later Fiscal Years:</b>				<b>9.018</b>	

#### DB# 06326 Local Concept Development Support

AQCODE: X1

This program provides NJDOT project management and environmental support to local governments.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: Local Aid  
 Project Manager: Broccoli, Dave  
 Mileposts: N/A  
 Improvement Type: Other

Planning Center: None  
 CIS Program Category: Local System Support  
 IPD:  
 Sponsor: NJDOT  
**Local Project: Y**                      **Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PLS STBGP-PHILA	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700
<b>Fiscal Year Total</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>
<b>Total First Four Years:</b>				<b>2.800</b>	<b>Total Later Fiscal Years:</b>				<b>4.200</b>	

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

**DB# X41C1 Local County Aid, DVRPC**

**AQCODE:** X12 This program provides funds allocated to the counties within the DVRPC MPO area for transportation improvements under the NJ Transportation Trust Fund Act.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Various **Planning Center:** None

**CIS Program Subcategory:** Local Aid **CIS Program Category:** Local System Support

**Project Manager:** Broccoli, Dave **IPD:**

**Mileposts:** N/A **Sponsor:** Local Lead

**Improvement Type:** Local County & Municipal Aid **Mapped:** N

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	32.636	32.669	32.670	30.270	30.270	30.270	30.270	30.270	30.270	30.270
<b>Fiscal Year Total</b>		<b>32.636</b>	<b>32.669</b>	<b>32.670</b>	<b>30.270</b>	<b>30.270</b>	<b>30.270</b>	<b>30.270</b>	<b>30.270</b>	<b>30.270</b>	<b>30.270</b>
<b>Total First Four Years:</b>				<b>128.245</b>	<b>Total Later Fiscal Years:</b>						<b>181.620</b>

**DB# X98C1 Local Municipal Aid, DVRPC**

**AQCODE:** X12 This program provides funds allocated to municipalities in the DVRPC area for transportation improvements under the NJ Transportation Trust Fund Act.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Various **Planning Center:** None

**CIS Program Subcategory:** Local Aid **CIS Program Category:** Local System Support

**Project Manager:** Broccoli, Dave **IPD:**

**Mileposts:** N/A **Sponsor:** Local Lead

**Improvement Type:** Local County & Municipal Aid **Mapped:** N

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	29.202	29.193	29.190	27.020	27.020	27.020	27.020	27.020	27.020	27.020
<b>Fiscal Year Total</b>		<b>29.202</b>	<b>29.193</b>	<b>29.190</b>	<b>27.020</b>	<b>27.020</b>	<b>27.020</b>	<b>27.020</b>	<b>27.020</b>	<b>27.020</b>	<b>27.020</b>
<b>Total First Four Years:</b>				<b>114.605</b>	<b>Total Later Fiscal Years:</b>						<b>162.120</b>

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

**DB# 04314 Local Safety/ High Risk Rural Roads Program**

AQCODE: S6

The Local Safety Program provides funds to counties and municipalities for the improvement of dangerous intersections and other road improvements, focusing on pedestrian and vehicular safety improvements of critical need that can be delivered in a relatively short period of time, generally less than two years from problem identification to completion of construction. This program also includes design assistance offered to counties and municipalities for the LSP projects. Depending upon the previous year crash history, this program may encompass certain set aside funding per year for High Risk Rural Roads, for safety countermeasures on rural major or minor roads, or on rural local roads. NJDOT designates as Advance Construction all projects funded from this program.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Local Aid CIS Program Category: Local System Support

Project Manager: Seaman, Julie IPD:

Mileposts: N/A Sponsor: Local Lead

Improvement Type: Intersection/Interchange Improvements **Local Project: Y Mapped: N**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC HSIP	2.747	0.762	2.500	0.000	0.000	2.044	3.000	3.000	3.000	3.000
<b>Fiscal Year Total</b>	<b>2.747</b>	<b>0.762</b>	<b>2.500</b>	<b>0.000</b>	<b>0.000</b>	<b>2.044</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>
<b>Total First Four Years:</b>				<b>6.009</b>	<b>Total Later Fiscal Years:</b>				<b>14.044</b>	

**DB# X30A Metropolitan Planning**

AQCODE: X1

NJDOT supports the federally mandated Metropolitan Planning Organization transportation planning process. New Jersey Metropolitan Planning Organizations carry out a "3C" transportation planning process whereby planning activities are conducted on a continuous basis while also providing a forum for cooperative decision making among responsible state and local officials, public and private transit operators and the general public. STBGP-PHILA funds in FY22 will provide for the following FY2023 UPWP projects: Central Jersey Transportation Forum (\$125,000), Enhance and Maintain Travel Forecasting Tools (\$185,600), Regional Electric Vehicle Planning Program (\$75,000), NJ Local Concept Development Admi./Competitive Program & Project Mgmt (\$150,000), ExPo: Experimental Pop-Ups Program (\$100,000), Regional Sidewalk Development Program: Pilot Technical Assistance Round (\$75,000), NJ Regional GIS Implementation Coordination (\$350,000), NJ Supportive Regional Highway Program (SRHPP), Traffic Counting Program, and Trenton Bicycle Plan (\$499,000), and NJ Local Concept Development (\$430,000).

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Local Aid CIS Program Category: Local System Support

Project Manager: Etz, Monica IPD:

Mileposts: N/A Sponsor: MPO

Improvement Type: Other **Local Project: Y Mapped: N**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PLS PL	2.538	2.538	2.538	2.538	2.538	2.538	2.538	2.538	2.538	2.538
PLS PL-FTA	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700
PLS STBGP-PHILA	1.990	1.885	1.320	1.320	1.320	1.320	1.320	1.320	1.320	1.320
<b>Fiscal Year Total</b>	<b>5.228</b>	<b>5.123</b>	<b>4.558</b>	<b>4.558</b>	<b>4.558</b>	<b>4.558</b>	<b>4.558</b>	<b>4.558</b>	<b>4.558</b>	<b>4.558</b>
<b>Total First Four Years:</b>				<b>19.467</b>	<b>Total Later Fiscal Years:</b>				<b>27.348</b>	

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

**DB# D1601 New Jersey Regional Signal Retiming Initiative**

AQCODE:

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.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: King, Chris IPD:

Mileposts: N/A Sponsor: DVRPC

Improvement Type: Signal/ITS Improvements **Local Project: Y** **Mapped: Y**

This project may be suitable for ITS treatments.

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Phase	Fund										
PLS	CMAQ	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350
PLS	STBGP-PHILA	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
<b>Fiscal Year Total</b>		<b>0.380</b>	<b>0.380</b>	<b>0.380</b>	<b>0.380</b>	<b>0.380</b>	<b>0.380</b>	<b>0.380</b>	<b>0.380</b>	<b>0.380</b>	<b>0.380</b>
		<b>Total First Four Years: 1.520</b>				<b>Total Later Fiscal Years: 2.280</b>					

**DB# D0407 Ozone Action Program in New Jersey**

AQCODE: A1

Through use of public service announcements, promotional items and events, Ozone Action strives to improve the region's air quality by encouraging the use of mobility alternatives that will reduce congestion, warning individuals in advance of "Ozone Action Days," and public education about ozone and actions that will reduce contributions to regional emissions.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Quality of Life CIS Program Category: Congestion Relief

Project Manager: Hui, Kwan IPD:

Mileposts: N/A Sponsor: DVRPC

Improvement Type: Other **Local Project: Y** **Mapped: N**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Phase	Fund										
EC	CMAQ	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040
EC	Local	0.010	0.010								
<b>Fiscal Year Total</b>		<b>0.050</b>	<b>0.050</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>
		<b>Total First Four Years: 0.180</b>				<b>Total Later Fiscal Years: 0.240</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

**DB# X51 Pavement Preservation**

AQCODE: S10

This program will allow NJDOT to accomplish eligible federal pavement preservation activities on New Jersey's Interstate highway system and will also allow for pavement preservation on all other state-maintained roads, which help to keep New Jersey's highway system in a state of good repair. With timely preservation, the NJDOT can provide the traveling public with improved safety and mobility, reduced congestion and smoother, longer lasting pavements. FY22 Statewide Line Item: Rt 29, Rt 175 to Weeden St. FY22 DVRPC Line Item: Route 68, Cavell Street to Route 206 (Burlington County), Route 206, White Pine Road to the NJ Turnpike (Burlington County), Route 42, Route 168 (Black Horse Pike/Atlantic City Expressway) to Route 55 (Gloucester County), Route 322, Boro Commons Drive to CR 536/CR 654 (Main St.) (Gloucester County), and Route 29, State House Complex to Route 295 (City of Trenton and Ewing Township in Mercer County), and Rt 55 SB, Rt 40 to Lambs Rd (CR 635). There is a Pavement Preservation project, Rt 77, Bridgeton Road (CR 614) to Gangemi Lane (DB: 22346), that is located in both DVRPC (Gloucester County) and SJTPO (Salem County). In order to fund this project, a STATEWIDE line has been added to the Pavement Preservation program.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Gresavage, Susan

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	HWYINF	1.000									
ERC	NHPP	35.107	9.311	7.227	8.000	8.000	8.000	8.000	8.000	8.000	8.000
ERC	STBGP-FLEX	1.000	41.162	1.807	2.000	2.000	2.000	2.000	2.000	2.000	2.000
ERC	STBGP-L5K		2.508								
ERC	STBGP-PHILA	2.523									
<b>Fiscal Year Total</b>		<b>39.630</b>	<b>52.981</b>	<b>9.034</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>
		<b>Total First Four Years: 111.645</b>			<b>Total Later Fiscal Years: 60.000</b>						

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

**DB# X35A1 Rail-Highway Grade Crossing Program, Federal**

**AQCODE:** S1

This program will provide funding for the elimination of hazards at rail-highway grade crossings, the rehabilitation of grade crossing surfaces, and the installation of protective warning devices for roadways both on and off the federal-aid system. Funding will also be provided for the traffic control items required during the construction work and the installation of advance warning signs and pavement markings at all highway-rail grade crossings.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Various

**Planning Center:** None

**CIS Program Subcategory:** Safety

**CIS Program Category:** Safety Management

**Project Manager:** Hirt, Todd

**IPD:**

**Mileposts:** N/A

**Sponsor:** NJDOT

**Improvement Type:** Intersection/Interchange Improvements  
This project may be suitable for ITS treatments.

**Mapped:** N

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	HSIP	2.521	2.660								
EC	RHC	0.100	0.919	0.923	0.927	0.931	0.935	0.939	0.943	0.947	0.951
EC	RHC-PHILA	0.615									
<b>Fiscal Year Total</b>		<b>3.236</b>	<b>3.579</b>	<b>0.923</b>	<b>0.927</b>	<b>0.931</b>	<b>0.935</b>	<b>0.939</b>	<b>0.943</b>	<b>0.947</b>	<b>0.951</b>
		<b>Total First Four Years: 8.664</b>				<b>Total Later Fiscal Years: 5.646</b>					



# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

**DB# D2005 Regional Transportation Demand Management (TDM) Program**

AQCODE: A1

This program supports the implementation of a new regional Transportation Demand Management (TDM) Program, with strategic planning and coordination tasks funded separately. This program's purview includes traditional TDM activities with demonstrated single-occupant vehicle (SOV) trip reduction benefit, as well as pilots for new TDM projects and tools to manage demand and create and cultivate new mobility opportunities for residents and workers. DVRPC will also manage several new TDM-specific efforts, as appropriate, which may involve the cooperation of and coordination with current and other potential partners to implement. On May 26, 2022, the DVRPC Board approved the list of FY23-24 TOP non-construction projects totaling \$319,834 (\$178,959 STBGP-PHILA/\$76,908 CMAQ/\$63,967 Local) for New Jersey, which includes the following: \$98,699 (\$78,959 STBGP-PHILA/\$19,740 Local) for Tri-State Transportation Campaign's New Jersey Safe Passing Law Marketing Campaign, \$125,000 (\$100,000 STBGP-PHILA/\$25,000 Local) for Cross County Connection TMA's Return to PATCO: A Promotion of Transit, Walking and Biking in South Jersey, and \$96,135 (\$76,908 CMAQ/\$19,227 Local) for Greater Mercer TMA's Let's Connect: Motivate and Educate to Create A Robust Trail Network in Mercer County. The Board also approved the FY23-24 TOP construction (CON) project, Gateway to Downtown Collingswood Borough, totaling \$272,000 (\$217,600 STBGP-PHILA/\$54,400 Local), for FY24 CON, which will be listed as a separate project on the TIP.

CMP:

Municipalities:	Various	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	Local System Support
Project Manager:	Bernknopf, Amy	IPD:	
Mileposts:	N/A	Sponsor:	DVRPC
Improvement Type:	Other	Local Project:	Y
		Mapped:	Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
PLS	CMAQ	0.100	0.000	0.100	0.000	0.100	0.000	0.100	0.000	0.100	0.000	
PLS	LOCAL	0.100		0.046		0.100		0.100		0.100		
PLS	LOCAL-DVRPC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
PLS	STBGP-PHILA	0.350	0.050	0.132	0.050	0.350	0.050	0.350	0.050	0.350	0.050	
<b>Fiscal Year Total</b>		<b>0.550</b>	<b>0.050</b>	<b>0.278</b>	<b>0.050</b>	<b>0.550</b>	<b>0.050</b>	<b>0.550</b>	<b>0.050</b>	<b>0.550</b>	<b>0.050</b>	
<b>Total First Four Years:</b>				<b>0.928</b>	<b>Total Later Fiscal Years:</b>				<b>1.800</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

DB# 99327A **Resurfacing, Federal**

AQCODE: S10

Funding from this program provides design and construction of pavement resurfacing projects. This program also provides; pavement recommendations, surveys, aerial photography, photogrammetry, base mapping, and engineering, needed to prepare contract documents in order to advertise resurfacing projects. In addition, this program funds contractor services to construct resurfacing projects. Project lists are developed from the Pavement Management System and visual inspection of roadway segments in need of repair. This program also funds preliminary engineering for pavement reconstruction projects. Guiderail end treatment upgrades, such as measures to absorb the energy of an impact, are funded.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Roadway Preservation CIS Program Category: Road Assets

Project Manager: Vari, James IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation **Mapped: N**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	NHPP					30.000	30.000	15.000	5.000	15.000	5.000
<b>Fiscal Year Total</b>						<b>30.000</b>	<b>30.000</b>	<b>15.000</b>	<b>5.000</b>	<b>15.000</b>	<b>5.000</b>
<b>Total First Four Years:</b>						<b>Total Later Fiscal Years:</b>			<b>100.000</b>		

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

**DB# X107 Transportation Alternatives Program**

AQCODE: X12

This program provides federal funding for projects such as scenic enhancements, historic preservation, and bicycle and pedestrian improvements. NJDOT designates as Advance Construction all projects funded from this program.

Nine (9) TA-SA projects, totaling \$11.184 M, were approved by the May 25, 2023 DVRPC Board for the DVRPC NJ region:

- (1) Mercer County's Lawrence Station Road Connector Trail in Lawrence Township (\$1.260 M),
- (2) Burlington County's Pavilion Avenue Streetscape Improvements Project in Riverside Township (\$0.746 M),
- (3) Burlington County's Township of Mount Holly Streetscape Project in Mount Holly Township (\$0.559 M),
- (4) Burlington County's Main Street – North-South Bike/Ped Connector at Church, Wilkins Station, Route 70, Main and Stokes Project in Medford Township (\$1.486 M),
- (5) Camden County's Burlington-Camden Trail with Bridge over Route 130 Project in Pennsauken Township (\$1.225 M),
- (6) Camden County's Phase 6 Bikeway and Streetscape Improvements along Lakeview Drive (CR-561) Project in Gibbsboro Borough (\$1.5M),
- (7) Camden County's LINK Trail, Segment 1E Project in Camden County (\$1.5 M),
- (8) Gloucester County's City of Woodbury Pedestrian Path Network along Hester's Branch and Woodbury Creek Project in Woodbury City (\$1.5 M), and
- (9) Gloucester County's Elephant Swamp Shared-Use Trail Improvements Project in Elk Township (\$1.408 M).

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Quality of Life CIS Program Category: Local System Support

Project Manager: Seaman, Julie IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Streetscape **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	TA-PHILA	1.127	1.127	1.127	1.127	1.127	1.127	1.127	1.127	1.127	1.127	
ERC	TA-TRENTON	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	0.291	
<b>Fiscal Year Total</b>		<b>1.418</b>	<b>1.418</b>	<b>1.418</b>	<b>1.418</b>	<b>1.418</b>	<b>1.418</b>	<b>1.418</b>	<b>1.418</b>	<b>1.418</b>	<b>1.418</b>	
<b>Total First Four Years:</b>				<b>5.672</b>	<b>Total Later Fiscal Years:</b>				<b>8.508</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

#### DB# D0204 Transportation and Community Development Initiative (TCDI) DVRPC

AQCODE: X3

The Transportation and Community Development Initiative is a proposed DVRPC funding program targeted to those communities most in need of revitalization assistance. The program would serve to support local planning, design, feasibility studies or other analyses that increase the demand or improve the market for redevelopment and improve the efficiency or enhance the regional transportation network. The fundamental idea is to support early-stage project ideas which are not otherwise eligible for funding through other sources. This program is a component of the DVRPC Work Program.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Local Aid CIS Program Category: Local System Support

Project Manager: Hui, Kwan IPD:

Mileposts: N/A Sponsor: DVRPC

Improvement Type: Other **Local Project: Y** **Mapped: N**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STBGP-PHILA	0.155	0.600	0.155	0.755	0.155	0.755	0.155	0.755	0.155	0.755	
<b>Fiscal Year Total</b>		<b>0.155</b>	<b>0.600</b>	<b>0.155</b>	<b>0.755</b>	<b>0.155</b>	<b>0.755</b>	<b>0.155</b>	<b>0.755</b>	<b>0.155</b>	<b>0.755</b>	
<b>Total First Four Years:</b>				<b>1.665</b>	<b>Total Later Fiscal Years:</b>				<b>2.730</b>			

#### DB# 11383 Transportation Management Associations

AQCODE: A1

This program will provide annual funding to the following Transportation Management Associations (TMAs): Cross County Connection, EZ Ride, goHunterdon, Greater Mercer TMA, Hudson TMA, Keep Middlesex Moving, RideWise, and TransOptions.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Congestion Relief

Project Manager: Ludwig, Ann IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other **Local Project: Y** **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STBGP-PHILA	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	
<b>Total First Four Years:</b>				<b>8.000</b>	<b>Total Later Fiscal Years:</b>				<b>12.000</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

#### DB# D2004 Transportation Operations

AQCODE: X2

The project focuses on proactively managing the transportation system by addressing recurring and nonrecurring congestion which results in emissions reductions. This effort also engages new partners and new training participants every year. The goal is to promote more efficient and cost-effective use of the existing transportation network and services through enhanced coordination and integration of Intelligent Transportation Systems (ITS) and Transportation Systems Management and Operations (TSMO) strategies in order to create more reliable traffic flow, improved safety, reduced congestion, less wasted fuel, cleaner air, and more efficient use of resources including facilities and funding. This project will provide for the following major components: Transportation Operations Task Force (TOTF), Traffic Incident Management (TIM), Regional Traffic Signal Retiming, TSMO planning efforts, and technical assistance by DVRPC staff.

CMP: Various  
 Municipalities: Various  
 CIS Program Subcategory: Planning Center: None  
 Project Manager: CIS Program Category: Capital Program Delivery  
 Mileposts: N/A  
 Improvement Type: Signal/ITS Improvements  
 IPD:  
 Sponsor: DVRPC  
**Local Project: Y** **Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PLS STBGP-PHILA	0.130	0.130	0.130	0.130	0.130	0.130	0.130	0.130	0.130	0.130
<b>Fiscal Year Total</b>	<b>0.130</b>	<b>0.130</b>	<b>0.130</b>	<b>0.130</b>	<b>0.130</b>	<b>0.130</b>	<b>0.130</b>	<b>0.130</b>	<b>0.130</b>	<b>0.130</b>
<b>Total First Four Years:</b>				<b>0.520</b>	<b>Total Later Fiscal Years:</b>				<b>0.780</b>	

#### DB# 01300 Transportation Systems Management and Operations (TSMO)

AQCODE: S7

Phase II installation and operations of Regional Integrated Multi-modal Information Sharing (RIMIS), a computer message/digital system to notify agencies about incidents or unusual conditions that affect them. This project also helps to extend RIMIS to include DVRPC county roadways.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: Congestion Relief  
 Project Manager: Ward, John  
 Mileposts: N/A  
 Improvement Type: Signal/ITS Improvements  
 This project contains ITS elements.  
 Planning Center: None  
 CIS Program Category: Congestion Relief  
 IPD:  
 Sponsor: DVRPC  
**Local Project: Y** **Mapped: N**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STBGP-PHILA	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166
<b>Fiscal Year Total</b>	<b>0.166</b>	<b>0.166</b>	<b>0.166</b>	<b>0.166</b>	<b>0.166</b>	<b>0.166</b>	<b>0.166</b>	<b>0.166</b>	<b>0.166</b>	<b>0.166</b>
<b>Total First Four Years:</b>				<b>0.664</b>	<b>Total Later Fiscal Years:</b>				<b>0.996</b>	

**Total for Various:**

126.794	146.451	91.773	87.284	131.287	146.418	132.321	119.678	130.617	120.410	
<b>Total First Four Years:</b>				<b>452.302</b>	<b>Total Later Fiscal Years:</b>				<b>780.732</b>	



## 8.2 DVRPC Regional Transit Projects: NJ TRANSIT



# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T143 ADA--Platforms/Stations**

AQCODE: A1

Funding is provided for the design and construction of necessary repairs to make NJ TRANSIT's rail stations, and subway stations more accessible for the Americans with Disabilities Act (ADA) including related track and infrastructure work. Funding is requested for repairs, upgrades, equipment purchase, platform extensions, and transit enhancements throughout the system and other accessibility repairs/improvements at stations.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: System Preservation  
 Project Manager:  
 Mileposts:  
 Improvement Type: Transit Improvements

Planning Center: None  
 CIS Program Category: Mass Transit Assets  
 IPD:  
 Sponsor: NJ TRANSIT

**Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC STATE	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
<b>Fiscal Year Total</b>	<b>0.230</b>	<b>0.230</b>	<b>0.230</b>	<b>0.230</b>	<b>0.230</b>	<b>0.230</b>	<b>0.230</b>	<b>0.230</b>	<b>0.230</b>	<b>0.230</b>
<b>Total First Four Years:</b>				<b>0.920</b>	<b>Total Later Fiscal Years:</b>				<b>1.380</b>	

**DB# T05 Bridge and Tunnel Rehabilitation**

AQCODE: S19

This program provides funds for the design, repair, rehabilitation, replacement, painting, inspection of tunnels/bridges, and other work such as movable bridge program, drawbridge power program, and culvert/bridge/tunnel right of way improvements necessary to maintain a state of good repair.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: System Preservation  
 Project Manager:  
 Mileposts:  
 Improvement Type: Transit Improvements

Planning Center: None  
 CIS Program Category: Bridge Assets  
 IPD:  
 Sponsor: NJ TRANSIT

**Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC STATE	1.314	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975	0.975
ERC STBGP-OS-BRDG		39.100								
<b>Fiscal Year Total</b>	<b>1.314</b>	<b>40.075</b>	<b>0.975</b>	<b>0.975</b>	<b>0.975</b>	<b>0.975</b>	<b>0.975</b>	<b>0.975</b>	<b>0.975</b>	<b>0.975</b>
<b>Total First Four Years:</b>				<b>43.338</b>	<b>Total Later Fiscal Years:</b>				<b>5.847</b>	

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T111 Bus Acquisition Program**

AQCODE: M10

This program provides funds for replacement of transit, commuter, access link, and suburban buses for NJ TRANSIT as they reach the end of their useful life as well as the purchase of additional buses to meet service demands. Federal lease payments are provided for 1371 Cruiser buses. Pay-as-you-go funding is provided for over 2300 buses replacements over the next 10-years including but not limited to cruiser buses, NABI buses, and articulated buses. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.

There are 3 NJ TRANSIT bus garages in the DVRPC region. Statewide in 2019, NJ TRANSIT operated a fleet of 2,278 buses. 276 buses (12.1%) provided service in the DVRPC region and operated accordingly: Hamilton Township garage operates 68 local buses for service in Trenton and surrounding towns in Mercer County. Washington Township garage operates 115 commuter buses for service linking the Philadelphia/Camden market with Gloucester, Cumberland, Salem, Atlantic, and Cape May Counties. Some local service operates solely in suburban Camden and Gloucester Counties. Newton Avenue Garage operates 93 local and commuter buses for service in the Philadelphia/Camden area and suburban locations mostly in Camden and Burlington Counties. Some service extends to Mercer County (#409/418 lines to Trenton) and to Gloucester County (#455 line).

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: System Preservation  
 Project Manager:  
 Mileposts:  
 Improvement Type: Transit Improvements  
 This project may be suitable for ITS treatments.

Planning Center: None  
 CIS Program Category: Mass Transit Assets  
 IPD:  
 Sponsor: NJ TRANSIT  
**Mapped: Y**

**Unobligated Prior Year Funding**

Year	Fund	Cost
2016	SECT 5339	\$0.000
2017	SECT 5339	\$0.000
2019	SECT 5339	\$0.000
		<b>\$0.000</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CAP	SECT 5339		0.874								
CAP	STATE	23.189	40.291	36.110	36.110	36.110	36.110	38.476	38.476	38.476	38.476
<b>Fiscal Year Total</b>		<b>23.189</b>	<b>41.165</b>	<b>36.110</b>	<b>36.110</b>	<b>36.110</b>	<b>36.110</b>	<b>38.476</b>	<b>38.476</b>	<b>38.476</b>	<b>38.476</b>
<b>Total First Four Years:</b>				<b>136.574</b>	<b>Total Later Fiscal Years:</b>						<b>226.124</b>



# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T06      Bus Passenger Facilities/Park and Ride**

AQCODE: M7

This program provides funds for the bus park and ride program, improvements to bus passenger facilities and the purchase and installation of bus stop signs and shelters systemwide. This program also involves the construction of an improved vehicular ground transportation facility at Frank R. Lautenberg (FRL) Station in Secaucus, NJ. Pedestrian connections to the rail terminal and signage improvements within and outside of the station are also included as part of this project including but not limited to acquisition of properties and any items or services needed to support the acquisition.

CMP: Not SOV Capacity Adding

Municipalities: Various      Planning Center: None

CIS Program Subcategory: System Preservation      CIS Program Category: Mass Transit Assets

Project Manager:      IPD:

Mileposts:      Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements      **Mapped: Y**  
 This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	STATE	0.184	0.184	0.184	0.184	0.184	0.184	0.184	0.184	0.184	0.184	
<b>Fiscal Year Total</b>		<b>0.184</b>	<b>0.184</b>	<b>0.184</b>	<b>0.184</b>	<b>0.184</b>	<b>0.184</b>	<b>0.184</b>	<b>0.184</b>	<b>0.184</b>	<b>0.184</b>	
<b>Total First Four Years:</b>				<b>0.736</b>	<b>Total Later Fiscal Years:</b>				<b>1.104</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T08 Bus Support Facilities and Equipment**

AQCODE: M2

This program provides funds to maintain NJ TRANSIT's bus fleet including but not limited to, bus tires, engines and transmissions and other parts, support vehicles\equipment (for bus operations), maintenance equipment, and bus mid-life overhaul needs. Also included is midlife rehabilitation of bus facilities, other capital improvements to various support facilities and bus mid-life overhauls including but not limited to acquisition of properties and any items or services needed to support the acquisition. This program also involves the replacement of two CNG Compressor filling stations at Howell Garage.

There are 3 NJ TRANSIT bus garages in the DVRPC region. Statewide in 2019, NJ TRANSIT operated a fleet of 2,278 buses. 276 buses (12.1%) provided service in the DVRPC region and operated accordingly: Hamilton Township garage operates 68 local buses for service in Trenton and surrounding towns in Mercer County. Washington Township garage operates 115 commuter buses for service linking the Philadelphia/Camden market with Gloucester, Cumberland, Salem, Atlantic, and Cape May Counties. Some local service operates solely in suburban Camden and Gloucester Counties. Newton Avenue Garage operates 93 local and commuter buses for service in the Philadelphia/Camden area and suburban locations mostly in Camden and Burlington Counties. Some service extends to Mercer County (#409/418 lines to Trenton) and to Gloucester County (#455 line).

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

#### Unobligated Prior Year Funding

Year	Fund	Cost
2022	SECT 5307	\$1.000
2022	SECT 5307	\$0.000
2022	SECT 5337	\$0.000
2022	SECT 5337	\$2.456
2022	SECT 5339	\$0.000
2022	SECT 5339	\$0.161
		<b>\$3.617</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	SECT 5307		1.000								
ERC	SECT 5337		2.456								
ERC	SECT 5339		0.276	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115
ERC	STATE	2.171	1.685	1.685	1.799	1.271	1.271	1.271	1.271	1.271	1.271
<b>Fiscal Year Total</b>		<b>2.171</b>	<b>5.417</b>	<b>1.800</b>	<b>1.914</b>	<b>1.386</b>	<b>1.386</b>	<b>1.386</b>	<b>1.386</b>	<b>1.386</b>	<b>1.386</b>
<b>Total First Four Years:</b>				<b>11.301</b>		<b>Total Later Fiscal Years:</b>				<b>8.315</b>	

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

#### DB# T68 Capital Program Implementation

**AQCODE:** Funding is provided for capital project management activities associated with capital program/project delivery including procurement and DBE/SBE activities.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Various

**Planning Center:** None

**CIS Program Subcategory:** System Management

**CIS Program Category:** Mass Transit Assets

**Project Manager:**

**IPD:**

**Mileposts:**

**Sponsor:** NJ TRANSIT

**Improvement Type:** Transit Improvements

**Mapped:** Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC STATE	5.205	5.308	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938
<b>Fiscal Year Total</b>	<b>5.205</b>	<b>5.308</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>
<b>Total First Four Years:</b>			<b>20.390</b>	<b>Total Later Fiscal Years:</b>			<b>29.629</b>			

#### DB# T515 Casino Revenue Fund

**AQCODE:** M1 State law provides 8.5% of the Casino Tax Fund to be appropriated for transportation services for senior and disabled persons. This element also supports capital improvements that benefit the senior and disabled populations. The law provides 85% of these funds to be made available to the counties through NJ TRANSIT for capital, operating, and administrative expenses for the provision of locally coordinated para-transit services. The amount each county receives is determined by utilizing an allocation formula based on the number of residents 60 years of age and over as reflected in the most recent U.S. Census Report. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Various

**Planning Center:** None

**CIS Program Subcategory:** System Preservation

**CIS Program Category:** Local System Support

**Project Manager:**

**IPD:**

**Mileposts:**

**Sponsor:** NJ TRANSIT

**Improvement Type:** Transit Improvements

**Mapped:** Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CAP CASINO REVENUE	5.205	5.205	5.205	5.205	5.205	5.205	5.205	5.205	5.205	5.205
<b>Fiscal Year Total</b>	<b>5.205</b>	<b>5.205</b>	<b>5.205</b>	<b>5.205</b>	<b>5.205</b>	<b>5.205</b>	<b>5.205</b>	<b>5.205</b>	<b>5.205</b>	<b>5.205</b>
<b>Total First Four Years:</b>			<b>20.820</b>	<b>Total Later Fiscal Years:</b>			<b>31.229</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T16 Environmental Compliance**

AQCODE: Funding is provided for compliance with environmental regulations at both bus, light rail and rail facilities and operating support includes but is not limited to replacement of leaking fuel tanks, clean up of contaminated soil and ground water, oil/water separators, asbestos removal, and fueling station improvements at various facilities etc.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: System Preservation CIS Program Category: Mass Transit Assets

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements **Mapped: Y**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690
<b>Fiscal Year Total</b>		<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>
		<b>Total First Four Years: 2.760</b>				<b>Total Later Fiscal Years: 4.140</b>					

**DB# T43 High Speed Track Program**

AQCODE: M9 Funding is provided for an annual program of high speed track rehabilitation including high speed surfacing, system wide replacement of life-expired ties and other rail improvements, right-of-way fencing, equipment necessary to maintain a state of good and safe repair, purchase of long lead-time materials for next construction season, maintenance-of-way work equipment, interlocking improvements, passing sidings, other improvements, materials and services as necessary to support the program. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: CIS Program Category: Mass Transit Assets

Project Manager: IPD:

Mileposts: N/A Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements **Mapped: Y**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	0.059	0.152	0.152	0.152	0.152	0.152	0.152	0.152	0.152	0.152
<b>Fiscal Year Total</b>		<b>0.059</b>	<b>0.152</b>	<b>0.152</b>	<b>0.152</b>	<b>0.152</b>	<b>0.152</b>	<b>0.152</b>	<b>0.152</b>	<b>0.152</b>	<b>0.152</b>
		<b>Total First Four Years: 0.516</b>				<b>Total Later Fiscal Years: 0.914</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T20 Immediate Action Program**

AQCODE: X13

Funding is provided for emergency project needs under the rail, bus, and headquarters programs; contract change orders; consultant agreement modifications; and other unanticipated work identified during the course of the year, thus allowing the agency to be responsive to emergency and unforeseen circumstances which arise unexpectedly.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	1.980	2.639	2.416	1.980	1.980	1.980	1.980	2.670	2.670	2.670
<b>Fiscal Year Total</b>		<b>1.980</b>	<b>2.639</b>	<b>2.416</b>	<b>1.980</b>	<b>1.980</b>	<b>1.980</b>	<b>1.980</b>	<b>2.670</b>	<b>2.670</b>	<b>2.670</b>
		<b>Total First Four Years: 9.016</b>				<b>Total Later Fiscal Years: 13.951</b>					

**DB# T95 Light Rail Infrastructure Improvements**

AQCODE: M5

Funding is provided for Light Rail improvements including, but not limited to, communication systems upgrade, accessibility improvements, vehicle and facility improvements, and other infrastructure rehabilitation improvements, including rolling stock enhancements. Funding is also provided for Newark Light Rail (NLR), Hudson Bergen Light Rail (HBLR) Infrastructure and River Line capital asset replacement including but not limited to acquisition of properties and any items or services needed to support the acquisition. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	25.500	2.155	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
<b>Fiscal Year Total</b>		<b>25.500</b>	<b>2.155</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>
		<b>Total First Four Years: 31.655</b>				<b>Total Later Fiscal Years: 12.000</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T53E Locomotive Overhaul**

AQCODE: M3

Funding is provided for the cyclic overhaul of locomotives based on manufacturer replacement standards to support the equipment through its useful life.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

**Unobligated Prior Year Funding**

Year	Fund	Cost
2019	SECT 5307	\$0.000
2019	SECT 5337	\$0.000
		<b>\$0.000</b>

**TIP Program Years (In Millions)**

**Later Fiscal Years (In Millions)**

Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	SECT 5307	4.085										
ERC	SECT 5337	9.031										
CAP	STATE	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	
<b>Fiscal Year Total</b>		<b>13.413</b>	<b>0.297</b>	<b>0.297</b>	<b>0.297</b>	<b>0.297</b>	<b>0.297</b>	<b>0.297</b>	<b>0.297</b>	<b>0.297</b>	<b>0.297</b>	
<b>Total First Four Years:</b>				<b>14.302</b>	<b>Total Later Fiscal Years:</b>				<b>1.779</b>			

**DB# T122**

**Miscellaneous**

AQCODE:

Funding is provided for the continuation of the mandated vital records program and other miscellaneous administrative expenses such as, but not limited to, match funds for special services grants and physical plant improvements incurred throughout the year. Funds support forensic accounting services in furtherance of the property insurance claim resulting from the damage caused by extreme weather events such as Superstorm Sandy. Funds also support project oversight/management for all day-to-day aspects of NJ TRANSIT projects.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Other

Mapped: Y

**TIP Program Years (In Millions)**

**Later Fiscal Years (In Millions)**

Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	STATE	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	
<b>Fiscal Year Total</b>		<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	
<b>Total First Four Years:</b>				<b>0.460</b>	<b>Total Later Fiscal Years:</b>				<b>0.690</b>			



# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T55 Other Rail Station/Terminal Improvements**

AQCODE: M8

Funding is provided for the design, land acquisition and construction of various stations, platform extensions, parking and related facilities, and upgrades throughout the system including related track and rail infrastructure work. Also included are station and facility inspection and repair, customer service station bike locker installation - system wide, and STARS Program including but not limited to acquisition of properties and any items or services needed to support the acquisition.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

This project may be suitable for ITS treatments.

**Unobligated Prior Year Funding**

Year	Fund	Cost
2017	SECT 5307	\$0.000
		<b>\$0.000</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	6.380	1.341	1.458	1.458	1.224	1.224	1.224	1.224	1.224	1.224
<b>Fiscal Year Total</b>		<b>6.380</b>	<b>1.341</b>	<b>1.458</b>	<b>1.458</b>	<b>1.224</b>	<b>1.224</b>	<b>1.224</b>	<b>1.224</b>	<b>1.224</b>	<b>1.224</b>
<b>Total First Four Years:</b>				<b>10.636</b>	<b>Total Later Fiscal Years:</b>				<b>7.341</b>		

**DB# T121 Physical Plant**

AQCODE: M4

Funding is provided for demolition of out-of-service facilities, energy conservation program, work environment improvements, replacement of antiquated administrative support equipment, purchase of material warehouse equipment, replacement of non-revenue vehicles, and other minor improvements to various bus/rail/light rail/operating facilities etc including but not limited to acquisition of properties and any items or services needed to support the acquisition.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Transportation Support Facilities

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	0.478	0.932	0.903	1.138	0.550	0.550	0.550	0.550	0.550	0.550
<b>Fiscal Year Total</b>		<b>0.478</b>	<b>0.932</b>	<b>0.903</b>	<b>1.138</b>	<b>0.550</b>	<b>0.550</b>	<b>0.550</b>	<b>0.550</b>	<b>0.550</b>	<b>0.550</b>
<b>Total First Four Years:</b>				<b>3.452</b>	<b>Total Later Fiscal Years:</b>				<b>3.302</b>		



# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

DB# T135

#### Preventive Maintenance-Bus

AQCODE: M3

This program provides funding for the overhaul of buses including preventive maintenance costs in accordance with federal guidelines as defined in the National Transit Database Reporting Manual and federal law. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. In addition, expenditures are for costs of projects in specific years only.

There are 3 NJ TRANSIT bus garages in the DVRPC region. Statewide in 2019, NJ TRANSIT operated a fleet of 2,278 buses. 276 buses (12.1%) provided service in the DVRPC region and operated accordingly: Hamilton Township garage operates 68 local buses for service in Trenton and surrounding towns in Mercer County. Washington Township garage operates 115 commuter buses for service linking the Philadelphia/Camden market with Gloucester, Cumberland, Salem, Atlantic, and Cape May Counties. Some local service operates solely in suburban Camden and Gloucester Counties. Newton Avenue Garage operates 93 local and commuter buses for service in the Philadelphia/Camden area and suburban locations mostly in Camden and Burlington Counties. Some service extends to Mercer County (#409/418 lines to Trenton) and to Gloucester County (#455 line).

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

#### Unobligated Prior Year Funding

Year	Fund	Cost
2019	SECT 5307	\$0.000
2021	SECT 5307	\$0.000
2021	SECT 5307	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
CAP	SECT 5307	29.922	17.904	33.081	33.081	33.081	33.081	33.081	33.081	33.081	33.081	
CAP	SECT 5337	0.623	11.865									
<b>Fiscal Year Total</b>		<b>30.545</b>	<b>29.769</b>	<b>33.081</b>	<b>33.081</b>	<b>33.081</b>	<b>33.081</b>	<b>33.081</b>	<b>33.081</b>	<b>33.081</b>	<b>33.081</b>	
<b>Total First Four Years:</b>				<b>126.477</b>	<b>Total Later Fiscal Years:</b>				<b>198.488</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T39 Preventive Maintenance-Rail**

AQCODE: M3

This program provides funding for the overhaul of rail cars and locomotives and other preventive maintenance costs in accordance with federal funding guidelines as defined in the National Transit Database Reporting Manual and federal law. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.

In FY 2018, ridership on the Northeast Corridor totaled 120,750 passenger boardings per average weekday. FY 2018 average weekday passenger boardings for the following stations in the DVRPC region were as follows: 3,772 at Trenton Station; 5,118 at Hamilton Station; 787 at Princeton Station; 6,679 at Princeton Junction.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: System Preservation  
 Project Manager:  
 Mileposts:  
 Improvement Type: Transit Improvements

Planning Center: None  
 CIS Program Category: Mass Transit Assets  
 IPD:  
 Sponsor: NJ TRANSIT

**Mapped: Y**

**Unobligated Prior Year Funding**

Year	Fund	Cost
2021	SECT 5337	\$0.000
		\$0.000

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CAP	SECT 5307	8.726	9.232	5.131	5.765	5.765	5.765	5.765	5.765	5.765	5.765
CAP	SECT 5337	41.511	15.141	8.392	7.758	7.758	7.758	7.758	7.758	7.758	7.758
<b>Fiscal Year Total</b>		<b>50.237</b>	<b>24.373</b>	<b>13.523</b>	<b>13.523</b>	<b>13.523</b>	<b>13.523</b>	<b>13.523</b>	<b>13.523</b>	<b>13.523</b>	<b>13.523</b>
<b>Total First Four Years:</b>				<b>101.656</b>	<b>Total Later Fiscal Years:</b>						<b>81.137</b>

**DB# T106 Private Carrier Equipment Program**

AQCODE: M1

This program provides State funds for the Private Carrier Capital Improvement Program. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: System Preservation  
 Project Manager:  
 Mileposts:  
 Improvement Type: Transit Improvements

Planning Center: None  
 CIS Program Category: Mass Transit Assets  
 IPD:  
 Sponsor: NJ TRANSIT

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CAP	STATE	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690
<b>Fiscal Year Total</b>		<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>
<b>Total First Four Years:</b>				<b>2.760</b>	<b>Total Later Fiscal Years:</b>						<b>4.140</b>

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T34 Rail Capital Maintenance**

**AQCODE:** M9 The Rail Capital Maintenance project includes Rail Maintenance of Way (MOW) activities and Rail Maintenance of Equipment (MOE) activities in accordance with TTF eligibility requirements.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Various

**Planning Center:** None

**CIS Program Subcategory:** System Preservation

**CIS Program Category:** Mass Transit Assets

**Project Manager:**

**IPD:**

**Mileposts:**

**Sponsor:** NJ TRANSIT

**Improvement Type:** Transit Improvements

**Mapped:** Y

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CAP	STATE		5.790	5.790	5.790	5.790	5.790	5.790	5.790	5.790	5.790
<b>Fiscal Year Total</b>			<b>5.790</b>	<b>5.790</b>	<b>5.790</b>	<b>5.790</b>	<b>5.790</b>	<b>5.790</b>	<b>5.790</b>	<b>5.790</b>	<b>5.790</b>
		<b>Total First Four Years:</b>			<b>17.369</b>	<b>Total Later Fiscal Years:</b>			<b>34.738</b>		

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T112 Rail Rolling Stock Procurement**

AQCODE: M10

This program provide funds for the replacement of rail rolling stock, including engineering assistance and project management, to replace over-aged equipment including rail cars, revenue service locomotives, and expansion of NJ TRANSIT rolling stock fleet (cars and locomotives) to accommodate projected ridership growth and other system enhancements over the next ten years. Funding is provided to support vehicles\equipment (for rail operations). Annual funds are provided for Comet V single-level car lease payments, Electric Locomotive lease payments, Diesel Locomotive lease payments, Dual Power Locomotives and Multi-Level rail car lease payments and other upcoming rolling stock lease payments. Pay-as-you-go funding is also programmed for Multi-Level vehicles and other rolling stock. Toll Credit and/or State Transportation Trust Funds (TTF) will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. CMAQ: Funding for Rail Rolling Stock Procurement will include CMAQ funds. Rail Rolling Stock Procurement is CMAQ eligible because it meets federal eligibility requirements. The project will provide funding for the purchase of 25 commuter vehicles to support the Portal North Bridge (PNB) project. Refer to DB T538 – Portal North Bridge where funds to support design, engineering, construction and necessary initiatives are listed and explained. For the CMAQ justification see "CMAQ Report for NJ TRANSIT".

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: System Preservation CIS Program Category: Mass Transit Assets

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements **Mapped: Y**

**Unobligated Prior Year Funding**

Year	Fund	Cost
2022	SECT 5307	\$2.720
2022	SECT 5307	\$0.000
2022	SECT 5337	\$1.764
2022	SECT 5337	\$0.000
		<b>\$4.484</b>

**TIP Program Years (In Millions)**

**Later Fiscal Years (In Millions)**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CAP	CMAQ				3.750	4.395	4.395	4.395	4.395	4.395	4.395
CAP	SECT 5307		2.899	0.073	0.932	1.442	1.442	1.442	1.442	1.442	1.442
CAP	SECT 5337		4.910	3.095	3.728	3.728	3.728	3.728	3.728	3.728	3.728
CAP	STATE	12.333	5.282	8.881	8.268	9.291	9.291	5.037	4.447	4.447	4.447
<b>Fiscal Year Total</b>		<b>12.333</b>	<b>13.091</b>	<b>12.049</b>	<b>16.679</b>	<b>18.856</b>	<b>18.856</b>	<b>14.601</b>	<b>14.011</b>	<b>14.011</b>	<b>14.011</b>
		<b>Total First Four Years: 54.151</b>				<b>Total Later Fiscal Years: 94.346</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T37 Rail Support Facilities and Equipment**

AQCODE: M11

This program provides funds for rehabilitation and construction activities for yard improvements system wide, improvements at support facilities necessary to perform maintenance work at rail yards including work at Port Morris Yard, rail capacity improvements including passing sidings, interlockings and electric traction improvements, signal and communication improvements at support facilities, right-of-way fencing, maintenance-of-way equipment and the installation of pedestal tracks necessary to perform maintenance work at rail yards. Funding is provided for system wide crew quarters, the Meadows Maintenance Complex upgrade/expansion work required to support the new rail fleet. Also included is funding for NJ TRANSIT's capital cost-sharing obligations related to use of Amtrak/Conrail facilities including but not limited to acquisition of properties and any items or services needed to support the acquisition. Other funds indicated in the table include \$6.542 million from the FRA CRISI program ID FR-CRS-18-006-062777 flexed to FTA for Positive Train Control implementation.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: System Preservation  
 Project Manager:  
 Mileposts:  
 Improvement Type: Transit Improvements

Planning Center: None  
 CIS Program Category: Mass Transit Assets  
 IPD:  
 Sponsor: NJ TRANSIT

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	0.391	0.606	0.606	0.606	0.606	0.606	0.606	0.606	0.606	0.606
<b>Fiscal Year Total</b>		<b>0.391</b>	<b>0.606</b>	<b>0.606</b>	<b>0.606</b>	<b>0.606</b>	<b>0.606</b>	<b>0.606</b>	<b>0.606</b>	<b>0.606</b>	<b>0.606</b>
		<b>Total First Four Years: 2.208</b>				<b>Total Later Fiscal Years: 3.634</b>					

**DB# T509 Safety Improvement Program**

AQCODE: M9

This program provides funding for safety improvement initiatives system wide addressing bus, rail, light rail, Access Link and other identified safety needs. Funding includes investment in equipment, passenger and maintenance facilities, right of way improvements, and other initiatives that improve the safe provision of transportation services. Funding will support planning, engineering, design, construction, acquisitions and other associated costs.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory:  
 Project Manager:  
 Mileposts: N/A  
 Improvement Type: Transit Improvements

Planning Center: None  
 CIS Program Category: Transportation Support Facilities  
 IPD:  
 Sponsor: NJ TRANSIT

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	0.188	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059
<b>Fiscal Year Total</b>		<b>0.188</b>	<b>0.059</b>	<b>0.059</b>	<b>0.059</b>	<b>0.059</b>	<b>0.059</b>	<b>0.059</b>	<b>0.059</b>	<b>0.059</b>	<b>0.059</b>
		<b>Total First Four Years: 0.363</b>				<b>Total Later Fiscal Years: 0.352</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

#### DB# T150 Section 5310 Program

AQCODE: M1

This program provides funds for the purchase of small buses or van-type vehicles for agencies that serve the elderly and persons with disabilities. This was formerly known as the Section 16 Program. MATCH funds are provided from the State.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

#### Unobligated Prior Year Funding

Year	Fund	Cost
2021	SECT 5310	\$0.000
2022	SECT 5310	\$0.000
2022	SECT 5310	\$0.123
		<b>\$0.123</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
CAP	CMAQ	1.294										
CAP	SECT 5310	1.883	2.714	1.779	1.779	1.779	1.779	1.779	1.779	1.779	1.779	
CAP	STATE	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	
<b>Fiscal Year Total</b>		<b>3.580</b>	<b>3.117</b>	<b>2.181</b>	<b>2.181</b>	<b>2.181</b>	<b>2.181</b>	<b>2.181</b>	<b>2.181</b>	<b>2.181</b>	<b>2.181</b>	
<b>Total First Four Years:</b>				<b>11.058</b>	<b>Total Later Fiscal Years:</b>				<b>13.086</b>			

#### DB# T151 Section 5311 Program

AQCODE: M1

This program provides funding for rural public transportation program. MATCH funds are provided from NJ TRANSIT and local funds. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

#### Unobligated Prior Year Funding

Year	Fund	Cost
2022	SECT 5311	\$0.000
2022	SECT 5311	\$0.396
		<b>\$0.396</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
CAP	MATCH	0.437	0.437	0.437	0.437	0.437	0.437	0.437	0.437	0.437	0.437	
CAP	SECT 5311	0.947	1.586	0.924	0.924	0.924	0.924	0.924	0.924	0.924	0.924	
CAP	STATE	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	
<b>Fiscal Year Total</b>		<b>1.407</b>	<b>2.046</b>	<b>1.384</b>	<b>1.384</b>	<b>1.384</b>	<b>1.384</b>	<b>1.384</b>	<b>1.384</b>	<b>1.384</b>	<b>1.384</b>	
<b>Total First Four Years:</b>				<b>6.221</b>	<b>Total Later Fiscal Years:</b>				<b>8.305</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T508 Security Improvements**

AQCODE:

This program provides funds for continued modernization/improvements of NJ TRANSIT Police and other security improvements. Today, the NJ TRANSIT Police Department is the only transit policing agency in the country with statewide authority and jurisdiction. The Department was created on January 1, 1983, and it evolved as a result of the passage of the Public Transportation Act of 1979 and subsequent legislation on the state and federal levels.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: Security

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Other

Mapped: Y

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
SWI	STATE	0.876	0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715	0.715
<b>Fiscal Year Total</b>		<b>0.876</b>	<b>0.715</b>	<b>0.715</b>	<b>0.715</b>	<b>0.715</b>	<b>0.715</b>	<b>0.715</b>	<b>0.715</b>	<b>0.715</b>	<b>0.715</b>
		<b>Total First Four Years: 3.022</b>				<b>Total Later Fiscal Years: 4.292</b>					

**DB# T50 Signals and Communications/Electric Traction Systems**

AQCODE: M6

This project provides funding for continued modernization/improvements to the signal and communications systems, including signal/communication upgrade of interlockings, and other communication improvements. This project also provides funding for systemwide electric traction general upgrades including: substation replacement, wayside hot box detection system, rail microwave system upgrades, replacement of substation batteries and electric switch heaters, emergency power backup systemwide, rehabilitation of systemwide overhead catenary structures and foundations including but not limited to acquisition of properties and any items or services needed to support the acquisition. In addition, funding will be provided for Positive Train Control training facilities including but not limited to equipment purchasing, engineering, design, planning, construction, acquisitions and other associated costs.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	2.064	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645
<b>Fiscal Year Total</b>		<b>2.064</b>	<b>0.645</b>	<b>0.645</b>	<b>0.645</b>	<b>0.645</b>	<b>0.645</b>	<b>0.645</b>	<b>0.645</b>	<b>0.645</b>	<b>0.645</b>
		<b>Total First Four Years: 3.997</b>				<b>Total Later Fiscal Years: 3.868</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

DB# T630

SJ BRT/Avandale Park Ride

MRPID: X

AQCODE: 2025M

This project has been completed. However, prior year FY21 unobligated funds must be shown in FY23 of the TIP as part of NJ TRANSIT's FY23 grant submission to the FTA in order for NJ TRANSIT to be reimbursed for the work completed.

Funding during the previous TIP period was used to commence with the early phase of the South Jersey Bus Rapid Transit (SJ BRT) system. Improvements include the addition of 150 new parking spaces to the existing 322 spaces at the Avandale Park and Ride, transit signal priority equipment at key intersections, offboard fare collection systems (e.g., ticket vending machines), dynamic signage at major terminals such as the Avandale Park and Ride and Walter Rand Transportation Center, and the design of enhanced BRT stops that will brand and standardize BRT shelters. This initial project activity will support the long term advancement of the SJBRT system.

When fully completed, the SJ BRT system is expected to serve Gloucester and Camden county residents travelling between Downtown Camden and Center City Philadelphia and the Avandale Park and Ride in Winslow Township, Camden County. The total cost of the SJ BRT is approximately \$46 million. The full SJ BRT line will commence at the Avandale Park and Ride lot and travel on the Atlantic City Expressway, Route 42, I-76, and I-676 to Camden and Philadelphia cities. A branch of the service will also serve a new Park and Ride lot at Delsea Drive in Gloucester County by travelling along Route 55 prior to linking the other branch of service at the merge of Routes 55 and 42.

Funding is also provided for the implementation of the Bus Rapid Transit serving Camden County, NJ including an expanded park/ride, traffic signal priority at select intersections to improve bus vehicle travel speeds, fare collection, and dynamic signage

CMP:

Municipalities: Winslow Township  
 CIS Program Subcategory: System Preservation  
 Project Manager:  
 Mileposts: n/a  
 Improvement Type: Transit Improvements

Planning Center: None  
 CIS Program Category: Mass Transit Assets  
 IPD:  
 Sponsor: NJ TRANSIT

Mapped: Y

#### Unobligated Prior Year Funding

Year	Fund	Cost
2022	SECT 5339/5307	\$0.000
2022	SECT 5339/5307	\$2.000
		<b>\$2.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	SECT 5339/5307		2.000								
<b>Fiscal Year Total</b>			<b>2.000</b>								
<b>Total First Four Years:</b>					<b>2.000</b>	<b>Total Later Fiscal Years:</b>					



# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

#### DB# T120 Small/Special Services Program

AQCODE: A1

Funding is provided for NJ TRANSIT efforts which initiate or promote transit solutions to reduce congestion, manage transportation demand and improve air quality. Included are State funds for the Vanpool Sponsorship Program, Transportation Management Association Program, and Federal funds for East Windsor Community Shuttle operating support. Funding is also provided for capital acquisition/operating expenses for the Community Shuttle Program, Bike/Transit facilitation, and other activities that improve air quality and help reduce congestion. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: System Management  
 Project Manager:  
 Mileposts:  
 Improvement Type: Transit Improvements

Planning Center: None  
 CIS Program Category: Local System Support  
 IPD:  
 Sponsor: NJ TRANSIT

**Mapped: Y**

#### Unobligated Prior Year Funding

Year	Fund	Cost
2019	CMAQ	\$0.000
2019	SECT 5307	\$0.000
		<b>\$0.000</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	CMAQ	1.102										
EC	STATE	0.416	0.416	0.416	0.416	0.416	0.416	0.416	0.416	0.416	0.416	
<b>Fiscal Year Total</b>		<b>1.518</b>	<b>0.416</b>	<b>0.416</b>	<b>0.416</b>	<b>0.416</b>	<b>0.416</b>	<b>0.416</b>	<b>0.416</b>	<b>0.416</b>	<b>0.416</b>	
<b>Total First Four Years:</b>				<b>2.765</b>	<b>Total Later Fiscal Years:</b>				<b>2.495</b>			

#### DB# T88 Study and Development

AQCODE: X1

This element provides funds for system and infrastructure planning studies to ready projects for design, as well as demand forecasting and other related planning work.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: Study & Development  
 Project Manager:  
 Mileposts:  
 Improvement Type: Other  
 This project may be suitable for ITS treatments.

Adding Subcorr(s): 4A, 4B, 8A, 14A  
 Planning Center: None  
 CIS Program Category: Congestion Relief  
 IPD:  
 Sponsor: NJ TRANSIT

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
PLS	STATE	1.572	1.767	1.072	1.072	1.072	1.072	1.072	1.072	1.072	1.072	
<b>Fiscal Year Total</b>		<b>1.572</b>	<b>1.767</b>	<b>1.072</b>	<b>1.072</b>	<b>1.072</b>	<b>1.072</b>	<b>1.072</b>	<b>1.072</b>	<b>1.072</b>	<b>1.072</b>	
<b>Total First Four Years:</b>				<b>5.483</b>	<b>Total Later Fiscal Years:</b>				<b>6.433</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

#### DB# T500 Technology Improvements

AQCODE: M4

This element funds improvements to passenger communication and fare collection systems and other information technology improvements to meet internal and external customer needs. Funding is included for Public Address Upgrades/Onboard Communication Systems, Bus Radio System Upgrade Program, GIS Systems, TVM Replacement/Expansion, Smart Card Technology and improvements at stations system wide, computer systems and services, photocopy lease payments, ADA Access Link computer upgrades and upgrades to increase efficiency and productivity of NJ TRANSIT's technology infrastructure to support services to customers.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: System Management CIS Program Category: Mass Transit Assets

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements Mapped: Y  
This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	SECT 5307		0.943									
EC	STATE	6.588	3.095	2.147	2.147	2.147	2.147	2.147	2.147	2.147	2.147	
<b>Fiscal Year Total</b>		<b>6.588</b>	<b>4.038</b>	<b>2.147</b>	<b>2.147</b>	<b>2.147</b>	<b>2.147</b>	<b>2.147</b>	<b>2.147</b>	<b>2.147</b>	<b>2.147</b>	
<b>Total First Four Years:</b>				<b>14.921</b>	<b>Total Later Fiscal Years:</b>				<b>12.884</b>			

#### DB# T42 Track Program

AQCODE: M9

Funding is provided for an annual program of track rehabilitation including system wide replacement of life-expired ties and other rail improvements, right-of-way fencing, equipment necessary to maintain a state of good and safe repair, purchase of long lead-time materials for next construction season, maintenance-of-way work equipment, interlocking improvements, passing sidings and other improvements. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: System Preservation CIS Program Category: Mass Transit Assets

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	STATE	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055	
<b>Fiscal Year Total</b>		<b>1.055</b>	<b>1.055</b>	<b>1.055</b>	<b>1.055</b>	<b>1.055</b>	<b>1.055</b>	<b>1.055</b>	<b>1.055</b>	<b>1.055</b>	<b>1.055</b>	
<b>Total First Four Years:</b>				<b>4.219</b>	<b>Total Later Fiscal Years:</b>				<b>6.329</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

DB# T210 Transit Enhancements/Transp Altern Prog (TAP)/Altern Transit Improv (ATI)

AQCODE: NRS

Funding is provided for projects or project elements that are designed to enhance mass transportation service or use and are physically or functionally related to transit facilities as outlined in FTA Circular 9030.1E., including funding for a Statewide Bus Signs and Shelter Maintenance Upgrade Program and historic restoration of NJ TRANSIT facilities. There will be a cash match for Section 5312 funding only. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

#### Unobligated Prior Year Funding

Year	Fund	Cost
2022	SECT 5339	\$3.086
2022	SECT 5339	\$0.000
2022	STP-TE	\$0.690
2022	STP-TE	\$0.000
		<b>\$3.776</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	SECT 5307			0.186	3.611	3.611	0.881	0.881	0.881	0.881	0.881
ERC	SECT 5337	5.635									
ERC	SECT 5339		8.725	4.783	4.783	4.783	4.783	4.783	4.783	4.783	4.783
ERC	STATE		19.547	18.045	12.871	14.873	19.443	20.835	36.092	31.331	31.331
ERC	STP-TE		0.920	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
<b>Fiscal Year Total</b>		<b>5.635</b>	<b>29.192</b>	<b>23.245</b>	<b>21.496</b>	<b>23.497</b>	<b>25.337</b>	<b>26.730</b>	<b>41.986</b>	<b>37.225</b>	<b>37.225</b>
<b>Total First Four Years:</b>				<b>79.567</b>	<b>Total Later Fiscal Years:</b>						<b>192.001</b>

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

DB# T300

#### Transit Rail Initiatives

AQCODE:

This program provides funding for transit expansion projects, including River Line Glassboro-Camden Light Rail Improvements, new station construction, ferry program, fixed guideway improvements (Rail, Light Rail, BRT, and Ferry), and related vehicle and equipment acquisition. Also included are FTA new starts projects authorized under New Jersey Urban Core or SAFETEA-LU. Potential projects in this category include (in no rank order): Northern Branch Rail; HBLR Extension to Secaucus; HBLR Secaucus-Meadowlands Connector; Passaic-Bergen rail service on the NYS&W east of Hawthorne using Diesel Multiple Unit (DMU) passenger equipment; Restoration of commuter rail service on the NYS&W west of Hawthorne; Port Morris Improvements; West Shore-Hoboken to West Haverstraw; NERL Elizabeth Segment from NJ TRANSIT'S Northeast Corridor Midtown Elizabeth Station to Newark Liberty International Airport via the Elizabeth Waterfront; Restoration of commuter rail service on the West Trenton line; River LINE LRT Capitol Extension; Second Phase of River LINE LRT/PATCO Extension; Glassboro-Camden Light Rail; Route 1 BRT, Second Phase of NERL (Newark Penn Station to Newark Liberty International Airport); Commuter rail extension in Monmouth and Ocean Counties; Lehigh Third Track Capacity Improvements; Extension of Cape May Seashore Line north to Hammonton (to Atlantic City Rail Line); Commuter Rail extension to Phillipsburg, improvements on the Atlantic City Rail Line, new rail station improvements such as Atlantic City Line/River LINE connection, Moynihan Station, Penn Station New York access improvements and platform extensions, Penn Station New York Central Concourse, Penn Station New York West End Concourse, E-yard expansion, Bus Rapid Transit Initiatives, Park and Rides and Smart Card Technology Program along with other new system wide, rail, bus, and light rail initiatives arising during the year. The narrative above governs how the state Transportation Trust Funds that are appropriated in the state budget to "Transit Rail Initiatives" can be used. The Transit Rail Initiatives project is a state funded effort that is displayed here only for information purposes in order to give a better understanding of total transportation funding. As shown below, there is no Federal funding allocated to the Transit Rail Initiatives project in the first four constrained years. In compliance with the state budget and the language above, state Transit Rail Initiatives funds will be used to advance the projects listed above, some of which are also authorized under Federal law, but not yet funded with Federal dollars. Funding is also provided to advance projects dependent on other non-federal (including private) funding, and/or state resources available beyond planned levels including but not limited to acquisition of properties and any items or services needed to support the acquisition.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Expansion

CIS Program Category: Congestion Relief

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	0.518	3.186	5.877	5.877	5.877	5.877	5.877	5.877	10.638	10.638
<b>Fiscal Year Total</b>		<b>0.518</b>	<b>3.186</b>	<b>5.877</b>	<b>5.877</b>	<b>5.877</b>	<b>5.877</b>	<b>5.877</b>	<b>5.877</b>	<b>10.638</b>	<b>10.638</b>
<b>Total First Four Years:</b>				<b>15.456</b>	<b>Total Later Fiscal Years:</b>				<b>44.781</b>		

Total for Various:

216.096	239.986	172.794	175.587	178.416	180.256	179.760	195.117	195.117	195.117	
<b>Total First Four Years:</b>				<b>804.463</b>	<b>Total Later Fiscal Years:</b>				<b>1,123.782</b>	



## 8.3 DVRPC Regional Transit Projects: DRPA/PATCO



# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

**DB# DR2203 PATCO Fare Collection Equipment Upgrades NEW**

AQCODE: M1

This project will upgrade all obsolete parts of PATCO's Fare Collection system to give the ability for PATCO riders to have "open payment" at all patco stations.

CMP:

Municipalities: Various Planning Center: None  
 CIS Program Subcategory: CIS Program Category:  
 Project Manager: IPD:  
 Mileposts: Sponsor: DRPA/PATCO  
 Improvement Type: Transit Improvements **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	DRPA	1.567	0.500	0.500	1.000						
EC	SECT 5337	6.269	2.000	2.000	4.000						
<b>Fiscal Year Total</b>		<b>7.836</b>	<b>2.500</b>	<b>2.500</b>	<b>5.000</b>						
<b>Total First Four Years:</b>				<b>17.836</b>	<b>Total Later Fiscal Years:</b>						

**DB# DR008 Electrical Cable Replacement**

AQCODE: M6

This program will provide for systemwide replacement of electrical cable to improve reliability and fire resistance.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None  
 CIS Program Subcategory: DRPA Improvement CIS Program Category: Mass Transit Assets  
 Project Manager: DRPA/PATCO IPD:  
 Mileposts: Sponsor: DRPA/PATCO  
 Improvement Type: Transit Improvements **Mapped: N**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	DRPA	0.050	0.940	0.240	0.240	1.600	1.600	0.700			
ERC	SECT 5337	0.200	3.760	0.960	0.960	6.400	6.400	2.800			
<b>Fiscal Year Total</b>		<b>0.250</b>	<b>4.700</b>	<b>1.200</b>	<b>1.200</b>	<b>8.000</b>	<b>8.000</b>	<b>3.500</b>			
<b>Total First Four Years:</b>				<b>7.350</b>	<b>Total Later Fiscal Years:</b>						<b>19.500</b>

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

**DB# DR2302 Embankment Restoration, Drainage Improvements & Retaining Walls Rehabilitation**

AQCODE: M9

This program will address embankment restoration to prevent erosion and preserve drainage control. Project includes fencing and retaining wall rehabilitation or replacement.

CMP: Planning Center: None  
 Municipalities: CIS Program Category:  
 CIS Program Subcategory: IPD:  
 Project Manager: DeVillasanta, Steve Sponsor: DRPA/PATCO  
 Mileposts: Mapped: Y  
 Improvement Type:

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	DRPA				0.880	0.200					
CON	SECT 5337				3.520	0.800					
<b>Fiscal Year Total</b>					<b>4.400</b>	<b>1.000</b>					
		<b>Total First Four Years: 4.400</b>				<b>Total Later Fiscal Years: 1.000</b>					

**DB# DR1501 PATCO Interlocking & Track Rehabilitation**

AQCODE: M9

This program includes rehabilitation and replacement of interlockings, rail bed, and other rail improvements to ensure overall system safety, reliability, and minimal service disruptions.

CMP: Not SOV Capacity Adding Planning Center: None  
 Municipalities: Various CIS Program Category: Mass Transit Assets  
 CIS Program Subcategory: DRPA Improvement IPD:  
 Project Manager: DRPA/PATCO Sponsor: DRPA/PATCO  
 Mileposts: Mapped: N  
 Improvement Type: Transit Improvements  
 This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	DRPA	0.050	0.040	0.060	0.260	0.260	0.460				
EC	SECT 5307	0.200	0.160	0.240	1.040	1.040	1.840				
<b>Fiscal Year Total</b>		<b>0.250</b>	<b>0.200</b>	<b>0.300</b>	<b>1.300</b>	<b>1.300</b>	<b>2.300</b>				
		<b>Total First Four Years: 2.050</b>				<b>Total Later Fiscal Years: 3.600</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

**DB# DR2008 PATCO Rail Replacement - Ferry Avenue to Broadway**

AQCODE: M9

This project includes construction activities which include the replacement of approximately 40,000 linear feet of rail between Ferry Avenue and Broadway stations. The project will replace original running rail that is at the end of its useful life.

CMP: Various Planning Center: None  
 Municipalities: Various Planning Center: None  
 CIS Program Subcategory: CIS Program Category:  
 Project Manager: Mike Howard IPD:  
 Mileposts: Sponsor: DRPA/PATCO  
 Improvement Type: Transit Improvements **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	DRPA	0.200	0.100						0.250	0.625	0.625
EC	SECT 5337	0.800	0.400						1.000	2.500	2.500
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>0.500</b>						<b>1.250</b>	<b>3.125</b>	<b>3.125</b>
		<b>Total First Four Years: 1.500</b>				<b>Total Later Fiscal Years: 7.500</b>					

**DB# DR1803 PATCO Station Platform Rehabilitation**

MRPID: FD

AQCODE: M8

Project will include planning, design, and reconstruction of PATCO Station Platforms. Work will include rehabilitation as well as replacement of concrete platforms and supporting structures including concrete and steel repairs.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 2C, 5C  
 Municipalities: Cherry Hill Township Planning Center: None  
 CIS Program Subcategory: CIS Program Category: Mass Transit Assests  
 Project Manager: DRPA/PATCO IPD:  
 Mileposts: N/A Sponsor: DRPA/PATCO  
 Improvement Type: Transit Improvements **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	DRPA	1.190	1.000	1.340	0.400	0.520	0.000	0.000	1.000	1.000	1.000
ERC	SECT 5307	4.761	4.000	5.360	1.600	2.080	0.000	0.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>		<b>5.951</b>	<b>5.000</b>	<b>6.700</b>	<b>2.000</b>	<b>2.600</b>	<b>0.000</b>	<b>0.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>
		<b>Total First Four Years: 19.651</b>				<b>Total Later Fiscal Years: 17.600</b>					



# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

#### DB# DR2006 PATCO Stations Modernizations

AQCODE: M8

Modernize all commuter stations and extend the useful life of the stations and their major components. This project will enhance the experience for riders and motorists who use the facilities and enhance the appeal to nearby residents, businesses, and property.

CMP: Various  
 Municipalities: Various  
 CIS Program Subcategory: Planning Center: None  
 Project Manager: Nicole Ochroch  
 Mileposts: IPD:  
 Improvement Type: Transit Improvements  
 Sponsor: DRPA/PATCO  
 Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	DRPA	0.100	0.100	0.100	0.100	0.400	0.250	0.000	0.125	0.625	1.250	
EC	SECT 5337	0.400	0.400	0.400	0.400	1.600	1.000	0.000	0.500	2.500	5.000	
<b>Fiscal Year Total</b>		<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>2.000</b>	<b>1.250</b>	<b>0.000</b>	<b>0.625</b>	<b>3.125</b>	<b>6.250</b>	
<b>Total First Four Years:</b>				<b>2.000</b>	<b>Total Later Fiscal Years:</b>				<b>13.250</b>			

#### DB# D1911 PATCO Track Resurfacing & Rail Profile Grinding

AQCODE: M9

This project involves adjusting the track to eliminate minor horizontal and vertical shifts that impact ride quality. Work also includes the replacement of rail ties, ballast cleaning, and improvements to the shoulder that impact the track.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: Planning Center: None  
 Project Manager: DRPA/PATCO  
 Mileposts: IPD:  
 Improvement Type: Transit Improvements  
 Sponsor: DRPA/PATCO  
 Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
CON	DRPA		0.010	0.010	0.020	0.020	0.100			0.050	0.050	
CON	SECT 5307		0.040	0.040	0.080	0.080	0.400			0.200	0.200	
<b>Fiscal Year Total</b>			<b>0.050</b>	<b>0.050</b>	<b>0.100</b>	<b>0.100</b>	<b>0.500</b>			<b>0.250</b>	<b>0.250</b>	
<b>Total First Four Years:</b>				<b>0.200</b>	<b>Total Later Fiscal Years:</b>				<b>1.100</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

**DB# DR2007 PATCO Viaduct Preservation Project**

AQCODE: M9

The purpose of this project is to improve and protect the Collingswood and Westmont viaducts and will extend the useful life of this portion of the PATCO infrastructure.

CMP: Various Planning Center: None  
 Municipalities: Various Planning Center: None  
 CIS Program Subcategory: CIS Program Category:  
 Project Manager: Ed Montgomery IPD:  
 Mileposts: Sponsor: DRPA/PATCO  
 Improvement Type: Transit Improvements **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	DRPA	0.200	0.900	0.500				0.250	0.375	0.625		
EC	SECT 5337	0.800	3.600	2.000				1.000	1.500	2.500		
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>4.500</b>	<b>2.500</b>				<b>1.250</b>	<b>1.875</b>	<b>3.125</b>		
<b>Total First Four Years:</b>				<b>8.000</b>	<b>Total Later Fiscal Years:</b>				<b>6.250</b>			

**DB# D1305 Pedestrian Bridge and Tunnel Rehabilitation**

AQCODE: A2

This project will provide for the planning, design, and construction to rehabilitate Pedestrian Bridges and Tunnels. The projects will allow for preventive repairs of bridges and tunnels owned by PATCO, including structural steel and concrete repairs, installation of protective coatings, miscellaneous steel repair, joint filler and spot paint.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 5B, 5C  
 Municipalities: Various Planning Center: None  
 CIS Program Subcategory: DRPA Improvement CIS Program Category: Mass Transit Assets  
 Project Manager: DRPA/PATCO IPD:  
 Mileposts: Sponsor: DRPA/PATCO  
 Improvement Type: Transit Improvements **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	DRPA					0.000	0.700	0.900				
EC	SECT 5337					0.000	2.800	3.600				
<b>Fiscal Year Total</b>						<b>0.000</b>	<b>3.500</b>	<b>4.500</b>				
<b>Total First Four Years:</b>					<b>Total Later Fiscal Years:</b>				<b>8.000</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

**DB# DR034 Preventive Maintenance**

AQCODE: M3 This project will provide for preventive maintenance expenses pertaining to activities performed on vehicles and facilities.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: DRPA Improvement

CIS Program Category: Mass Transit Assets

Project Manager: DRPA/PATCO

IPD:

Mileposts:

Sponsor: DRPA/PATCO

Improvement Type: Transit Improvements

Mapped: N

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	DRPA	0.395	0.395	0.395	0.395	0.395	0.395	0.395	0.395	0.395	0.395	
ERC	SECT 5307	0.700	0.700	0.700	0.050	0.050	0.050	0.050	0.050	0.700	0.700	
ERC	SECT 5337	0.600	0.600	0.600	1.250	1.250	1.250	1.250	1.250	0.600	0.600	
ERC	SECT 5340	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	
<b>Fiscal Year Total</b>		<b>1.975</b>	<b>1.975</b>	<b>1.975</b>	<b>1.975</b>	<b>1.975</b>	<b>1.975</b>	<b>1.975</b>	<b>1.975</b>	<b>1.975</b>	<b>1.975</b>	
<b>Total First Four Years:</b>				<b>7.900</b>	<b>Total Later Fiscal Years:</b>				<b>11.850</b>			

**DB# D1912 Rehabilitation of PATCO Bridges**

MRPID: FB

AQCODE: M9 Project will consist of the planning, design, and construction to rehabilitate PATCO Bridges. Work will include concrete and steel repairs, bearing replacement, column repairs, drainage, and abutment/wingwall repairs.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: DRPA Improvement

CIS Program Category: Local System Support

Project Manager: DRPA/PATCO

IPD:

Mileposts:

Sponsor: DRPA/PATCO

Improvement Type: Transit Improvements

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	DRPA	0.200	0.200	0.200	0.100	0.200	0.100	0.100		0.375	0.500	
ERC	SECT 5337	0.800	0.800	0.800	0.400	0.800	0.400	0.400		1.500	2.000	
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>0.500</b>	<b>1.000</b>	<b>0.500</b>	<b>0.500</b>		<b>1.875</b>	<b>2.500</b>	
<b>Total First Four Years:</b>				<b>3.500</b>	<b>Total Later Fiscal Years:</b>				<b>6.375</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

**DB# DR038 Relocation of Center Tower/SCADA Modernization**

AQCODE: M8

This program will provide for the fit-out of the second floor of an existing Administration and Maintenance building at Lindenwold for the purpose of relocating Center Tower from Camden to Lindenwold. Additionally, it will provide for the purchase and installation of new equipment for centralized train control, traction power control, and integrated customer service/communication. This project contains ITS elements and Supervisory Control and Data Acquisition (SCADA) modernization.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 5C  
 Municipalities: Various Planning Center: None  
 CIS Program Subcategory: DRPA Improvement CIS Program Category: Mass Transit Assets  
 Project Manager: DRPA/PATCO IPD:  
 Mileposts: Sponsor: DRPA/PATCO  
 Improvement Type: Transit Improvements **Mapped: Y**  
 This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	DRPA	0.700									
ERC	SECT 5337	2.800									
<b>Fiscal Year Total</b>		<b>3.500</b>									
		<b>Total First Four Years: 3.500</b>				<b>Total Later Fiscal Years:</b>					

**DB# DR1801 Reopening of Franklin Square**

MRPID: CF

AQCODE: 2025M

The project will repair, update, and enhance the currently closed Franklin Square station in the City of Philadelphia in order to re-open it for full operation. Improvements will include ADA accessibility, structural, electrical, plumbing, communication, signal and security elements.

CMP: Not SOV Capacity Adding  
 Municipalities: Various Planning Center: None  
 CIS Program Subcategory: DRPA Improvement CIS Program Category: Mass Transit Assets  
 Project Manager: Brigitte Kordzian IPD:  
 Mileposts: N/A Sponsor: DRPA/PATCO  
 Improvement Type: Transit Improvements **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	BUILD	1.053									
<b>Fiscal Year Total</b>		<b>1.053</b>									
		<b>Total First Four Years: 1.053</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

#### DB# DR2301 Replacement of Track Ties

AQCODE: M9

This project will involve the replacement of cracked/broken concrete ties, split/decaying wood ties, and decaying embedded block ties throughout the PATCO track Right-of-Way.

CMP:   
 Municipalities:   
 CIS Program Subcategory:   
 Project Manager: Sparacio, Jonathan   
 Mileposts:   
 Improvement Type:   
 Planning Center: None   
 CIS Program Category:   
 IPD:   
 Sponsor: DRPA/PATCO   
 Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
DES	DRPA		0.015								
CON	DRPA			0.785	0.200	0.400	0.200				
DES	SECT 5337		0.060								
CON	SECT 5337			3.140	0.800	1.600	0.800				
<b>Fiscal Year Total</b>			<b>0.075</b>	<b>3.925</b>	<b>1.000</b>	<b>2.000</b>	<b>1.000</b>				
<b>Total First Four Years:</b>				<b>5.000</b>	<b>Total Later Fiscal Years:</b>				<b>3.000</b>		

#### DB# DR019 Smoke and Fire Control

AQCODE: M6

This program will provide smoke and fire control for evacuation of patrons in emergencies and ventilation improvements.

CMP: Not SOV Capacity Adding   
 Municipalities: Various   
 CIS Program Subcategory: DRPA Improvement   
 Project Manager: DRPA/PATCO   
 Mileposts:   
 Improvement Type: Transit Improvements   
 This project may be suitable for ITS treatments.   
 Planning Center: None   
 CIS Program Category: Mass Transit Assets   
 IPD:   
 Sponsor: DRPA/PATCO   
 Mapped: N

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	DRPA	0.050	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
ERC	SECT 5337	0.200	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
<b>Fiscal Year Total</b>		<b>0.250</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>
<b>Total First Four Years:</b>				<b>1.750</b>	<b>Total Later Fiscal Years:</b>				<b>3.000</b>		

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

#### DB# DR1802 Subway Structures Renovation

AQCODE: M8

This program will provide for preventive repairs of pedestrian bridges, tunnels, subway stations, pump rooms owned by PATCO including but not limited to miscellaneous steel repair, concrete repair, joint filler, painting, waterproofing, and tunnel leakage mitigation throughout the PATCO High Speed Line System.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: Metropolitan Center

CIS Program Subcategory: DRPA Improvement

CIS Program Category: Mass Transit Assets

Project Manager: DRPA/PATCO

IPD:

Mileposts: N/A

Sponsor: DRPA/PATCO

Improvement Type: Transit Improvements

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	DRPA	0.600	0.410	0.860	0.960	0.350						
ERC	SECT 5337	2.400	1.640	3.440	3.840	1.400						
<b>Fiscal Year Total</b>		<b>3.000</b>	<b>2.050</b>	<b>4.300</b>	<b>4.800</b>	<b>1.750</b>						
<b>Total First Four Years:</b>				<b>14.150</b>	<b>Total Later Fiscal Years:</b>				<b>1.750</b>			

#### DB# DR15001A Track Drainage Improvements-Cuthbert & Osage

AQCODE: M9

This project will involve the rebuilding of the track bed, removal of fouled ballast and installation of new track drains. Rebuilding of the track and installation of new drains is intended to address the profile issues PATCO has experienced at these locations for the last 20 years.

CMP:

Municipalities: Various

Planning Center: None

CIS Program Subcategory:

CIS Program Category:

Project Manager: Howard, Mike

IPD:

Mileposts:

Sponsor: DRPA/PATCO

Improvement Type: Transit Improvements

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
DES	DRPA			0.400								
CON	DRPA				0.500	0.710	0.740	1.200				
PD	DRPA		0.400									
CON	SECT 5307				2.000	2.040	2.960	4.800				
CON	SECT 5337					0.800						
DES	SECT 5337			1.600								
PD	SECT 5337		1.600									
<b>Fiscal Year Total</b>			<b>2.000</b>	<b>2.000</b>	<b>2.500</b>	<b>3.550</b>	<b>3.700</b>	<b>6.000</b>				
<b>Total First Four Years:</b>				<b>6.500</b>	<b>Total Later Fiscal Years:</b>				<b>13.250</b>			

# DVRPC FY2022 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

DB# DR036 **Transit Enhancements**

AQCODE: X12 This program will support transit enhancements.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: DRPA Improvement

CIS Program Category: Mass Transit Assets

Project Manager: DRPA/PATCO

IPD:

Mileposts:

Sponsor: DRPA/PATCO

Improvement Type: Transit Improvements

Mapped: N

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	DRPA	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	
ERC	SECT 5307	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	
<b>Fiscal Year Total</b>		<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	
<b>Total First Four Years:</b>				<b>0.280</b>	<b>Total Later Fiscal Years:</b>				<b>0.420</b>			

Total for Various:

27.635	25.620	27.520	25.845	25.845	19.795	16.045	15.170	17.795	22.795		
<b>Total First Four Years:</b>				<b>106.620</b>	<b>Total Later Fiscal Years:</b>				<b>117.445</b>		



# 8.4 Statewide Programs





# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Mercer

**DB# 15322 Delaware & Raritan Canal Bridges**

AQCODE: S19

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.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 4A, 8A, 14A
Municipalities:	Various	Planning Center: Metropolitan Subcenter
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Hameed, Omar	IPD:
Mileposts:	N/A	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	BFP		1.916								
ERC	DEMO-R	0.019									
ERC	STBGP-FLEX	0.757	10.758	1.808	2.000	2.000					
ERC	STBGP-OS-BRDG	7.000		6.323	7.000	7.000					
<b>Fiscal Year Total</b>		<b>7.776</b>	<b>12.674</b>	<b>8.131</b>	<b>9.000</b>	<b>9.000</b>					
<b>Total First Four Years:</b>				<b>37.581</b>	<b>Total Later Fiscal Years:</b>				<b>9.000</b>		

**Total for Mercer:**

7.776	12.674	8.131	9.000	9.000			
<b>Total First Four Years:</b>				<b>37.581</b>	<b>Total Later Fiscal Years:</b>		<b>9.000</b>

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X12 Acquisition of Right of Way**

AQCODE: This program funds advanced acquisition and/or demolition of; key right of way parcels, easements, transportation facilities, and access and development rights, in order to preserve transportation corridors for future transportation use.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Kook, David

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway New Capacity

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ROW	STATE	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
<b>Fiscal Year Total</b>		<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>
<b>Total First Four Years:</b>				<b>2.000</b>	<b>Total Later Fiscal Years:</b>				<b>3.000</b>		

**DB# 11344 ADA Curb Ramp Implementation**

AQCODE: A2 This program was initiated from a Federal Highway Administration (FHWA) request of the NJDOT to complete an Americans with Disabilities Act (ADA) Curb Ramp Inventory, and to develop a Curb Ramp Implementation Program. A priority list of locations that are missing ADA curb ramps was developed, and funding provided by this program will be applied to projects that are missing ADA curb ramps statewide.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Multimodal Programs

Project Manager: Section, Chrystal

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	2.000	2.000	1.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
ERC	STBGP-FLEX	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>3.000</b>	<b>3.000</b>	<b>2.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>
<b>Total First Four Years:</b>				<b>11.000</b>	<b>Total Later Fiscal Years:</b>				<b>18.000</b>		

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 19315      Aeronautics UAS Program**

AQCODE: This program provides funding for NJDOT's Unmanned Aircraft System (UAS) program for equipment purchases, UAS research, and consultant services.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Airport Assets

Project Manager: Kimbrali, Davis

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
<b>Fiscal Year Total</b>		<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>
<b>Total First Four Years:</b>				<b>2.000</b>	<b>Total Later Fiscal Years:</b>				<b>3.000</b>		

**DB# 08415      Airport Improvement Program**

AQCODE: This program provides funding for grants awarded by the Commissioner of the NJDOT pursuant to a competitive application process for project types, including but not limited to, safety, preservation, rehabilitation, and capital improvements (such as runway, taxiway and apron improvements, airport lighting and navigational aids, aviation fuel farms, automated weather observation systems, airport security, and airport access roads). Such grants may be used at public-use general aviation airports for; aviation planning purposes, aviation studies, airport feasibility studies, and/or to provide funds which will help match and capture federal funds. This program may also fund capital improvements to airports owned by the state.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Airport Assets

Project Manager: Clifton, Genevieve

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other  
This project may be suitable for ITS treatments.

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	4.000	4.000	1.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>		<b>4.000</b>	<b>4.000</b>	<b>1.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>
<b>Total First Four Years:</b>				<b>13.000</b>	<b>Total Later Fiscal Years:</b>				<b>24.000</b>		

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## Statewide Program

Final Version

### Various

**DB# 01335 Betterments, Dams**

AQCODE: X1

This program provides funding for NJ Department of Environmental Protection mandated cyclic (2 year) inspections and the preparation and maintenance of Emergency Action Plans (EAP), Operations and Maintenance Manuals (O&M) and Hydrology and Hydraulics (H&H) engineering studies for NJDOT owned dams. If needed, minor improvements will be provided for hydraulically inadequate dams located on the state highway system.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Bridge Assets

Project Manager: Bal, Harjit

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STATE	0.300	0.100		0.100	0.100	0.100	0.100	0.100	0.100	0.100
<b>Fiscal Year Total</b>	<b>0.300</b>	<b>0.100</b>		<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>
<b>Total First Four Years:</b>				<b>0.500</b>	<b>Total Later Fiscal Years:</b>				<b>0.600</b>	

**DB# X72B Betterments, Roadway Preservation**

AQCODE:

This is an ongoing program of minor improvements to the state highway system for miscellaneous maintenance repair contracts, repair parts, miscellaneous needs for emergent projects, handicap ramps, and drainage rehabilitation/maintenance.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Oza, Parth

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STATE	17.786	18.227	5.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000
<b>Fiscal Year Total</b>	<b>17.786</b>	<b>18.227</b>	<b>5.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>
<b>Total First Four Years:</b>				<b>59.013</b>	<b>Total Later Fiscal Years:</b>				<b>108.000</b>	

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X72C Betterments, Safety**

AQCODE: This is an ongoing program of minor improvements to the state highway system such as beam guide rail and impact attenuators, as well as safety fencing.

CMP: Not SOV Capacity Adding

Municipalities:	Planning Center: None
CIS Program Subcategory: Safety	CIS Program Category: Safety Management
Project Manager: Oza, Parth	IPD:
Mileposts: N/A	Sponsor: NJDOT
Improvement Type: Intersection/Interchange Improvements	<b>Mapped: Y</b>

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STATE	14.229	14.581	5.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000
<b>Fiscal Year Total</b>	<b>14.229</b>	<b>14.581</b>	<b>5.000</b>	<b>14.000</b>	<b>14.000</b>	<b>14.000</b>	<b>14.000</b>	<b>14.000</b>	<b>14.000</b>	<b>14.000</b>
<b>Total First Four Years:</b>			<b>47.810</b>	<b>Total Later Fiscal Years:</b>			<b>84.000</b>			

**DB# X185 Bicycle & Pedestrian Facilities/Accommodations**

AQCODE: This is a comprehensive program to insure the broad implementation of the Statewide Bicycle and Pedestrian Master Plan, Complete Streets Policy and the implementation of federal and state policies and procedures pertaining to bicycle, pedestrian, transit and ADA access, mobility, and safety. It includes addressing bicycle, pedestrian, transit and micro-mobility travel needs through the development of improvements on state, county and local roadways either by inclusion in existing capital projects, development of independent projects or through assistance to counties and municipalities. Projects must accommodate the needs of all travelers.

CMP: Not SOV Capacity Adding

Municipalities:	Planning Center: None
CIS Program Subcategory: Intermodal Programs	CIS Program Category: Multimodal Programs
Project Manager: Bremer-Nei, Elise	IPD:
Mileposts: N/A	Sponsor: NJDOT
Improvement Type: Bicycle/Pedestrian Improvement This project may be suitable for ITS treatments.	<b>Mapped: Y</b>

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC CMAQ	1.450	1.500	1.657	1.465	1.701	1.450	1.523	1.450	0.647	2.374
ERC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
ERC TA-FLEX	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
<b>Fiscal Year Total</b>	<b>3.950</b>	<b>4.000</b>	<b>4.157</b>	<b>3.965</b>	<b>4.201</b>	<b>3.950</b>	<b>4.023</b>	<b>3.950</b>	<b>3.147</b>	<b>4.874</b>
<b>Total First Four Years:</b>			<b>16.072</b>	<b>Total Later Fiscal Years:</b>			<b>24.145</b>			

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## Statewide Program

Final Version

### Various

**DB# X07F Bridge and Structure Inspection, Miscellaneous**

**AQCODE:** This program will provide funding for the inspection of miscellaneous types of structures such as highway-carrying tunnels, pedestrian bridges, and limited safety inspections of railroad bridges over state roadways to ensure the safety of the motoring public. Inspection of miscellaneous types of structures such as highway-carrying tunnels, pedestrian bridges, and limited safety inspections of railroad bridges over state roadways to ensure the safety of the motoring public.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Planning Center: None

**CIS Program Subcategory:** CIS Program Category: Bridge Assets

**Project Manager:** Bal, Harjit **IPD:**

**Mileposts:** N/A **Sponsor:** NJDOT

**Improvement Type:** Other **Mapped:** Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STATE	0.450	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
<b>Fiscal Year Total</b>	<b>0.450</b>	<b>0.400</b>	<b>0.400</b>	<b>0.400</b>	<b>0.400</b>	<b>0.400</b>	<b>0.400</b>	<b>0.400</b>	<b>0.400</b>	<b>0.400</b>
<b>Total First Four Years:</b>				<b>1.650</b>	<b>Total Later Fiscal Years:</b>				<b>2.400</b>	

**DB# 03304 Bridge Deck/Superstructure Replacement Program**

**AQCODE:** S19 This program will provide funding for design and construction of deck preservation, deck replacement and superstructure replacement projects in various locations throughout the state. This is a statewide program which will address an approved priority listing of deficient bridge decks. This program will also provide funding for recommendations, survey, aerial photography, photogrammetry, base mapping and engineering. FY22 STBGP-FLEX funded bridges: CR 583 (Princeton Pike), Bridge over Rt 295 & Ramps B & D, are classified as On-System STP Bridges.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Various **Planning Center:** None

**CIS Program Subcategory:** Bridge Preservation **CIS Program Category:** Bridge Assets

**Project Manager:** Shah, Atul **IPD:**

**Mileposts:** N/A **Sponsor:** NJDOT

**Improvement Type:** Bridge Repair/Replacement **Mapped:** N

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC NHPP	1.000	4.406	3.147	3.858	24.000	24.000	24.000	29.350	24.574	23.720
ERC STBGP-OS-BRDG	1.000	0.852	0.903	5.000	5.544	5.497	5.497	5.497	5.497	5.497
<b>Fiscal Year Total</b>	<b>2.000</b>	<b>5.258</b>	<b>4.050</b>	<b>8.858</b>	<b>29.544</b>	<b>29.497</b>	<b>29.497</b>	<b>34.847</b>	<b>30.071</b>	<b>29.217</b>
<b>Total First Four Years:</b>				<b>20.166</b>	<b>Total Later Fiscal Years:</b>				<b>182.673</b>	

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## Statewide Program

Final Version

### Various

**DB# 98315 Bridge Emergency Repair**

AQCODE:

This program allows the NJDOT to provide emergency bridge repairs through various Bridge Maintenance Contracts (i.e., Concrete Structural Repair, Structural Steel Repair, and Timber Structure Repair contracts). The program also allows the NJDOT to obtain emergency technical consultant assistance, for inspection and repair design, when the safety of a bridge(s) is compromised due to unavoidable circumstances (a collision, flood damage, etc.) These consultants will be available to assist NJDOT personnel on an as-needed basis.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Bridge Preservation

CIS Program Category: Bridge Assets

Project Manager: Oza, Parth

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STATE	80.000	77.464	15.600	75.000	75.000	75.000	75.000	75.000	75.000	75.000	
<b>Fiscal Year Total</b>		<b>80.000</b>	<b>77.464</b>	<b>15.600</b>	<b>75.000</b>	<b>75.000</b>	<b>75.000</b>	<b>75.000</b>	<b>75.000</b>	<b>75.000</b>	<b>75.000</b>	
<b>Total First Four Years:</b>				<b>248.064</b>	<b>Total Later Fiscal Years:</b>				<b>450.000</b>			

**DB# X07A Bridge Inspection**

AQCODE: X3

This program provides regular structural inspection of state highway, NJ Transit highway-carrying bridges and local bridges as required by federal law. This program also enables the in-depth scour evaluation of potentially scour susceptible bridges. This program also provides regular inspection of State-owned tunnels.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: Bridge Preservation

CIS Program Category: Bridge Assets

Project Manager: Bal, Harjit

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: N

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	NHPP	11.900	12.710	10.364	11.477	11.900	11.900	11.900	11.900	11.900	11.900	
EC	STBGP-FLEX	7.680	10.021	6.689	7.407	7.680	7.680	7.680	7.680	7.680	7.680	
EC	STBGP-OS-BRDG	2.000	6.370	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	
<b>Fiscal Year Total</b>		<b>21.580</b>	<b>29.101</b>	<b>19.053</b>	<b>20.884</b>	<b>21.580</b>	<b>21.580</b>	<b>21.580</b>	<b>21.580</b>	<b>21.580</b>	<b>21.580</b>	
<b>Total First Four Years:</b>				<b>90.619</b>	<b>Total Later Fiscal Years:</b>				<b>129.480</b>			

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## Statewide Program

Final Version

### Various

**DB# 17341 Bridge Inspection Program, Minor Bridges**

AQCODE: This program provides funding for regular inspections of state-owned, county-owned and locally-owned highway minor bridges (culverts) of less than 20 feet in length. New federally funded bridge inspection program. Replaces 99322 & 99322A.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Bridge Assets

Project Manager: Bal, Harjit IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement **Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STATE	7.826	6.288	5.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
<b>Fiscal Year Total</b>	<b>7.826</b>	<b>6.288</b>	<b>5.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>
<b>Total First Four Years: 25.114</b>				<b>Total Later Fiscal Years: 36.000</b>						

**DB# 14404 Bridge Maintenance and Repair, Movable Bridges**

AQCODE: This Operations program allows the NJDOT to provide emergency movable bridge and tunnel repairs on a 24/7 basis. The funding will be utilized to address priority structural repair deficiencies, and Public Employees' Occupational Safety and Health Act (PEOSHA) violations, that are identified during in-depth inspections. Movable bridges are required to operate on-demand and adhere to drawbridge operation regulations pursuant to title 33, Code of Federal Regulations.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Bridge Assets

Project Manager: Longworth, Jack / Paroya, Mazhar IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement **Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STATE	25.346	25.973	5.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000
<b>Fiscal Year Total</b>	<b>25.346</b>	<b>25.973</b>	<b>5.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>
<b>Total First Four Years: 81.319</b>				<b>Total Later Fiscal Years: 150.000</b>						



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## Statewide Program

Final Version

### Various

**DB# 17357 Bridge Maintenance Fender Replacement**

AQCODE: S19

This is an ongoing program to replace bridge fender and pier protection system elements that are in poor and critical condition. Fender systems and waterways are regulated by the U.S. Coast Guard and are required to be maintained in good working condition by the Code of Federal Regulations.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Longworth, Jack / Paroya, Mazhar

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	NHPP	10.300	17.718	4.517	13.503	14.000	14.000	14.000	14.000	14.000	14.000
ERC	STBGP-FLEX	3.119	2.730	1.807	3.858	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>		<b>13.419</b>	<b>20.448</b>	<b>6.324</b>	<b>17.360</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>
		<b>Total First Four Years: 57.551</b>				<b>Total Later Fiscal Years: 108.000</b>					

**DB# 17358 Bridge Maintenance Scour Countermeasures**

AQCODE: X13

This is an ongoing program to proactively install scour countermeasures on the worst scour critical bridges. Scour countermeasures will protect bridges from storms and flooding events which can undermine their substructures.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Oza, Parth

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	NHPP	5.000	4.393	4.355	4.822	5.000	5.000	5.000	5.000	5.000	5.000
ERC	STBGP-FLEX	4.000	3.515	3.484	3.858	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>		<b>9.000</b>	<b>7.908</b>	<b>7.839</b>	<b>8.680</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>
		<b>Total First Four Years: 33.427</b>				<b>Total Later Fiscal Years: 54.000</b>					

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X70 Bridge Management System**

AQCODE: This is a program for the development, improvement, and implementation of New Jersey's Bridge Management System, a computerized system of analyzing bridge rehabilitation and replacement needs.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Bridge Preservation

CIS Program Category: Bridge Assets

Project Manager: Bal, Harjit

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STBGP-FLEX	1.250	1.098	1.089	1.206	1.250	1.250	1.250	1.250	1.250	1.250	
<b>Fiscal Year Total</b>		<b>1.250</b>	<b>1.098</b>	<b>1.089</b>	<b>1.206</b>	<b>1.250</b>	<b>1.250</b>	<b>1.250</b>	<b>1.250</b>	<b>1.250</b>	<b>1.250</b>	
<b>Total First Four Years:</b>				<b>4.643</b>	<b>Total Later Fiscal Years:</b>				<b>7.500</b>			

**DB# 13323 Bridge Preventive Maintenance**

AQCODE: This program provides funding for bridge preservation activities (including painting, deck repairs, and substructure repairs) as a means of extending structure life. Painting contracts shall include painting of steel on various structures, as an anti-corrosion measure, and will be awarded based on an approved list of bridges considering the availability and regional breakdown of funding. Preventive maintenance contracts shall include deck repairs, header reconstruction, curb reconstruction, joint resealing, substructure concrete repairs, and sealing of entire structures, with structures systematically prioritized by corridor or geographical area. Both painting and preventive maintenance contracts are awarded to preserve and prolong the useful service life of bridges, in accordance with the NJDOT Bridge Preventive Maintenance Program.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Oza, Parth

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	NHPP	24.000	32.302	19.669	24.112	25.000	25.000	25.000	25.000	25.000	25.000	
EC	STATE	35.573	36.454	5.000	36.000	36.000	36.000	36.000	36.000	36.000	36.000	
EC	STBGP-FLEX	9.953	19.430	7.868	9.645	10.000	10.000	10.000	10.000	10.000	10.000	
<b>Fiscal Year Total</b>		<b>69.526</b>	<b>88.186</b>	<b>32.537</b>	<b>69.756</b>	<b>71.000</b>	<b>71.000</b>	<b>71.000</b>	<b>71.000</b>	<b>71.000</b>	<b>71.000</b>	
<b>Total First Four Years:</b>				<b>260.005</b>	<b>Total Later Fiscal Years:</b>				<b>426.000</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 08381 Bridge Replacement, Future Projects**

**AQCODE:** S19 This program provides funding for future projects related to bridge rehabilitations and replacements, statewide.

**CMP:** Not SOV Capacity Adding

**Municipalities:**

Planning Center: None

**CIS Program Subcategory:** Bridge Preservation

CIS Program Category: Bridge Assets

**Project Manager:** Vari, James

IPD:

**Mileposts:** N/A

Sponsor: NJDOT

**Improvement Type:** Bridge Repair/Replacement

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	NHPP	1.000	2.000	2.000	20.000	75.000	75.000	50.000	37.835	25.000	25.000
ERC	STATE	5.695	7.200	7.000	24.222	24.181	29.955	30.000	30.000	30.000	30.000
<b>Fiscal Year Total</b>		<b>6.695</b>	<b>9.200</b>	<b>9.000</b>	<b>44.222</b>	<b>99.181</b>	<b>104.955</b>	<b>80.000</b>	<b>67.835</b>	<b>55.000</b>	<b>55.000</b>
<b>Total First Four Years:</b>				<b>69.117</b>	<b>Total Later Fiscal Years:</b>						<b>461.971</b>

**DB# 98316 Bridge Scour Countermeasures**

**AQCODE:** This program provides funding for bridge scour countermeasure contracts, which provide critical protection to various bridge substructure elements, extending the life of state bridges which span waterways. These contracts will be awarded based on an approved list of bridges considering the availability and regional breakdown of funding.

**CMP:** Not SOV Capacity Adding

**Municipalities:**

Planning Center: None

**CIS Program Subcategory:** Bridge Preservation

CIS Program Category: Bridge Assets

**Project Manager:** Bal, Harjit

IPD:

**Mileposts:** N/A

Sponsor: NJDOT

**Improvement Type:** Bridge Repair/Replacement

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200	0.200
<b>Fiscal Year Total</b>		<b>0.200</b>	<b>0.200</b>	<b>0.200</b>	<b>0.200</b>	<b>0.200</b>	<b>0.200</b>	<b>0.200</b>	<b>0.200</b>	<b>0.200</b>	<b>0.200</b>
<b>Total First Four Years:</b>				<b>0.800</b>	<b>Total Later Fiscal Years:</b>						<b>1.200</b>

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

DB# 22352 Carbon Reduction Program

AQCODE:

Established pursuant to Section 11403 of the Infrastructure Investment and Jobs Act (IIJA). Eligibility includes establishment or operation of traffic monitoring, management, and control facilities or programs, advanced truck stop electrification systems, advanced transportation and congestion management technologies, development of infrastructure-based intelligent transportation systems capital improvements and the installation of vehicle to infrastructure communications equipment, replacement of street lighting and traffic control devices with energy-efficient alternatives, development of a carbon reduction strategy, and retrofitting of Dedicated Short Range Communication (DSRC) technology.

CMP:

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category:

Project Manager:

IPD:

Mileposts:

Sponsor:

Improvement Type:

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	CR-B50K200K		0.449	0.458	0.467	0.477	0.486	0.496	0.506	0.516	0.526
ERC	CR-B5K50K		0.449	0.458	0.467	0.477	0.486	0.496	0.506	0.516	0.526
ERC	CR-FLEX		10.598	10.810	11.026	11.246	11.471	11.701	11.935	12.173	12.417
ERC	CR-L5K		1.100	1.122	1.145	1.167	1.191	1.215	1.239	1.264	1.289
<b>Fiscal Year Total</b>			<b>12.596</b>	<b>12.848</b>	<b>13.105</b>	<b>13.367</b>	<b>13.634</b>	<b>13.908</b>	<b>14.186</b>	<b>14.469</b>	<b>14.758</b>
			<b>Total First Four Years: 38.549</b>		<b>Total Later Fiscal Years: 84.322</b>						

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 02379 Congestion Relief, Intelligent Transportation System Improvements (Smart Move Program)**

**AQCODE:** This program provides funding for low-cost, quick-turnaround intelligent transportation system (ITS) improvements, which improve traffic flow and provide traveler information on the state's transportation system. This program will provide for the deployment of these systems through either separate ITS projects, or inclusion of ITS within existing roadway and bridge infrastructure preservation projects to ensure implementation of ITS at a minimum cost and a minimum disruption to traffic during construction. Design support to add ITS components and/or standards may be accomplished through using consultants. ITS equipment are long lead time items and this program will allow procurement to proceed in advance and then to be installed in the first stages to also assist in the mitigation of traffic impacts during construction of those projects. ITS equipment may include Dynamic Message Signs, which provide real time traffic information, in strategic locations to allow the motoring public to make informed decisions on possible alternatives.

**CMP:** Minor SOV Capacity

**Municipalities:** Planning Center: None

**CIS Program Subcategory:** Congestion Relief **CIS Program Category:** Congestion Relief

**Project Manager:** Mirza, Wasif **IPD:**

**Mileposts:** N/A **Sponsor:** NJDOT

**Improvement Type:** Signal/ITS Improvements **Mapped: Y**  
This project contains ITS elements.

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC STATE	3.000	3.000	1.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
<b>Fiscal Year Total</b>	<b>3.000</b>	<b>3.000</b>	<b>1.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>
<b>Total First Four Years:</b>			<b>10.000</b>	<b>Total Later Fiscal Years:</b>			<b>18.000</b>			

**DB# X180 Construction Inspection**

**AQCODE:** In order to provide inspection of construction projects on an as-needed basis, the NJDOT provides term agreements. This service also provides materials inspection of structural steel and precast concrete produced at out-of-state fabrication facilities.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Planning Center: None

**CIS Program Subcategory:** Capital Program Delivery **CIS Program Category:** Capital Program Delivery

**Project Manager:** Bhavsar, Yogesh **IPD:**

**Mileposts:** N/A **Sponsor:** NJDOT

**Improvement Type:** Other **Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STATE	13.000	13.000	5.000	13.000	13.000	13.000	13.000	13.000	13.000	13.000
<b>Fiscal Year Total</b>	<b>13.000</b>	<b>13.000</b>	<b>5.000</b>	<b>13.000</b>	<b>13.000</b>	<b>13.000</b>	<b>13.000</b>	<b>13.000</b>	<b>13.000</b>	<b>13.000</b>
<b>Total First Four Years:</b>			<b>44.000</b>	<b>Total Later Fiscal Years:</b>			<b>78.000</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 05304 Construction Program IT System (TRNS.PORT)**

AQCODE:

This program will provide a replacement system for the current information technology (IT) systems supporting the Estimating through Awarding of Construction Projects. It will also implement IT systems for Construction Management, Materials and Civil Rights including annual licensing fees.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Bhavsar, Yogesh

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements

**Mapped: Y**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STATE	2.300	2.400	1.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
<b>Fiscal Year Total</b>		<b>2.300</b>	<b>2.400</b>	<b>1.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>
		<b>Total First Four Years: 7.700</b>				<b>Total Later Fiscal Years: 12.000</b>					

**DB# 09316 Culvert Replacement Program**

AQCODE:

This program provides funding for Culvert replacements based on results of the culvert inspection program. In the majority of cases, culverts will be replaced in the same location, with basically the same waterway opening size, and will require minimal utility involvement.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Bal, Harjit

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

**Mapped: Y**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	HWIZ910-ALLEN		0.303								
ERC	STATE	4.000	4.000	1.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
ERC	STBGP-FLEX	1.000	6.797	1.742	1.929	2.000	2.000	2.000	2.000	2.000	2.000
<b>Fiscal Year Total</b>		<b>5.000</b>	<b>11.100</b>	<b>2.742</b>	<b>5.929</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>
		<b>Total First Four Years: 24.771</b>				<b>Total Later Fiscal Years: 36.000</b>					

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X142 DBE Supportive Services Program**

AQCODE:

This is a federal grant program which provides support to individual Disadvantaged Business Enterprise (DBE) contractors through technical assistance, on-site visits, DBE conferences, newsletters, and similar types of assistance. This program will also support the technology required to monitor, maintain and create reports on program particulars and DBE progress.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Support

CIS Program Category: Capital Program Delivery

Project Manager: Harper, Lydia

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STBGP-FLEX	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
<b>Fiscal Year Total</b>		<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>
<b>Total First Four Years:</b>				<b>2.000</b>	<b>Total Later Fiscal Years:</b>				<b>3.000</b>		

**DB# X106 Design, Emerging Projects**

AQCODE: X1

This program provides initial funding for Capital Program Management task order agreements as well as projects emerging from concept development. Funding is also provided for review of projects and for advanced design services which include, but are not limited to the following functions: development of base plan for final design; location of existing features within footprints, such as project monumentation, topography, utilities and drainage, using Subsurface Utility Engineering (SUE), General Field survey, Global Positioning System survey, Primary Control survey and Aerial photography; geotechnical work, specifically soil borings; administrative work needed to set budgets and manpower for right of way acquisition; asbestos surveying or plans, specifications and air monitoring for abatement process.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Shah, Atul

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
DES	STATE	20.000	17.000	5.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000
DES	STBGP-FLEX	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>21.000</b>	<b>18.000</b>	<b>6.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>
<b>Total First Four Years:</b>				<b>63.000</b>	<b>Total Later Fiscal Years:</b>				<b>108.000</b>		

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 05342 Design, Geotechnical Engineering Tasks**

AQCODE: X5

This program will provide funding for term agreements to obtain consultant services to perform Geotechnical Services for various projects within the geographical confines of the state of New Jersey. The work covered by this agreement will be limited to Geotechnical Engineering Services and consists of two major tasks: conducting subsurface exploration programs and providing geotechnical designs and analysis for bridge and structure foundations, roadway engineering and rock engineering.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Bal, Harjit

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
DES	STATE	0.500	0.500		0.500	0.500	0.500	0.500	0.500	0.500	0.500	
<b>Fiscal Year Total</b>		<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	
<b>Total First Four Years:</b>				<b>1.500</b>	<b>Total Later Fiscal Years:</b>				<b>3.000</b>			

**DB# X197 Disadvantaged Business Enterprise**

AQCODE:

This is a federal grant to support the development of integrated programs including training workshops, round-table discussions and business development services designed to expand the capacity of Disadvantaged Business Enterprise (DBE) firms and help them compete for public works contracts in the State and particularly with NJDOT.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Support

CIS Program Category: Capital Program Delivery

Project Manager: Tilghman-Ansley, Vicki

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STBGP-FLEX	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	
<b>Fiscal Year Total</b>		<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	
<b>Total First Four Years:</b>				<b>0.400</b>	<b>Total Later Fiscal Years:</b>				<b>0.600</b>			



# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X154D Drainage Rehabilitation & Improvements**

**AQCODE:** This program funds low-cost/high-value drainage projects on the state highway drainage system.

**CMP:** Not SOV Capacity Adding

<b>Municipalities:</b>	Planning Center: None
<b>CIS Program Subcategory:</b> Roadway Preservation	CIS Program Category: Road Assets
<b>Project Manager:</b> Oza, Parth	IPD:
<b>Mileposts:</b> N/A	Sponsor: NJDOT
<b>Improvement Type:</b> Roadway Rehabilitation	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STBGP-FLEX	13.016	22.451	11.802	14.467	15.000	15.000	15.000	15.000	15.000	15.000	
<b>Fiscal Year Total</b>		<b>13.016</b>	<b>22.451</b>	<b>11.802</b>	<b>14.467</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	
<b>Total First Four Years:</b>				<b>61.736</b>	<b>Total Later Fiscal Years:</b>				<b>90.000</b>			

**DB# X154 Drainage Rehabilitation and Maintenance, State**

**AQCODE:** This program provides funding for the rehabilitation and maintenance of state highway drainage systems, which may include: removal of material, video inspection, contract salary costs, retrofitting inlet covers due to Stormwater Management Regulations, acquisition and maintenance of specialized drainage equipment.

**CMP:** Not SOV Capacity Adding

<b>Municipalities:</b>	Planning Center: None
<b>CIS Program Subcategory:</b> Roadway Preservation	CIS Program Category: Road Assets
<b>Project Manager:</b> Oza, Parth	IPD:
<b>Mileposts:</b> N/A	Sponsor: NJDOT
<b>Improvement Type:</b> Roadway Rehabilitation	<b>Mapped: Y</b>
This project may be suitable for ITS treatments.	

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STATE	24.500	36.454	5.000	36.000	36.000	36.000	36.000	36.000	36.000	36.000	
<b>Fiscal Year Total</b>		<b>24.500</b>	<b>36.454</b>	<b>5.000</b>	<b>36.000</b>	<b>36.000</b>	<b>36.000</b>	<b>36.000</b>	<b>36.000</b>	<b>36.000</b>	<b>36.000</b>	
<b>Total First Four Years:</b>				<b>101.954</b>	<b>Total Later Fiscal Years:</b>				<b>216.000</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 22350 Electric Vehicle Infrastructure Program**

AQCODE: Establishes an electric vehicle infrastructure program to provide funding to strategically deploy electric vehicle (EV) charging infrastructure and to establish an interconnected network to facilitate data collection, access, and reliability.

CMP:   
 Municipalities: Planning Center: None   
 CIS Program Subcategory: CIS Program Category:   
 Project Manager: IPD:   
 Mileposts: Sponsor: NJDOR   
 Improvement Type: **Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC NEVFP		16.067	16.709	17.378	18.073						
<b>Fiscal Year Total</b>		<b>16.067</b>	<b>16.709</b>	<b>17.378</b>	<b>18.073</b>						
<b>Total First Four Years:</b>				<b>50.154</b>	<b>Total Later Fiscal Years:</b>				<b>18.073</b>		

**DB# X241 Electrical Facilities**

AQCODE: This program provides funding for purchasing materials, and for replacement, repair, preservation, and installation of electrical facilities along the state highway system. Included in this program are; highway lighting, sign lighting, cathodic protection for bridges, road weather information systems, and traffic counting/monitoring sites.

CMP: Not SOV Capacity Adding   
 Municipalities: Planning Center: None   
 CIS Program Subcategory: Capital Program Support CIS Program Category: Road Assets   
 Project Manager: Oza, Parth IPD:   
 Mileposts: N/A Sponsor: NJDOT   
 Improvement Type: Signal/ITS Improvements **Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC STATE	6.225	6.379	5.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	
<b>Fiscal Year Total</b>	<b>6.225</b>	<b>6.379</b>	<b>5.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	
<b>Total First Four Years:</b>				<b>23.604</b>	<b>Total Later Fiscal Years:</b>				<b>36.000</b>		

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 04324 Electrical Load Center Replacement, Statewide**

AQCODE:

This program provide provides funding for the betterment of existing highway lighting facilities when those facilities do not comply with current electrical codes and/or replacement equipment is not available. Due to high traffic volumes, maintenance of these existing facilities is hazardous to NJDOT personnel. The use of high-mast lighting will be investigated. ROW acquisition may be required.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Support

CIS Program Category: Road Assets

Project Manager: Oza, Parth

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC STATE	4.998	5.122	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
<b>Fiscal Year Total</b>	<b>4.998</b>	<b>5.122</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>
<b>Total First Four Years:</b>			<b>20.120</b>	<b>Total Later Fiscal Years:</b>			<b>30.000</b>			

**DB# 17360 Emergency Management and Transportation Security Support**

AQCODE: X13

This program provides funding for materials and equipment to support the Department's emergency management and transportation security plans and activities. These include resources for continuity of operations, preparedness, response, recovery and mitigation actions.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Capital Program Delivery

Project Manager: Burd, Robert

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC STATE	1.500	1.500	1.000	1.500	1.500	1.500	1.500	1.500	1.500	1.500
<b>Fiscal Year Total</b>	<b>1.500</b>	<b>1.500</b>	<b>1.000</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>
<b>Total First Four Years:</b>			<b>5.500</b>	<b>Total Later Fiscal Years:</b>			<b>9.000</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X75 Environmental Investigations**

AQCODE: X1

This program provides funding for environmental assessment work-products produced on a quick-response basis through specialized task-order consultant agreements, in such areas as; ecology, hazardous waste investigations, cultural resource investigations, National Environmental Policy Act and Section 4(f) documentation. Funding is also provided for environmental permit fees, laboratory fees, and other environmental consultant agreements that require 100% state funding. This general program will also provide for cleanup of gasoline discharge from underground storage tanks.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Yousef, Mohammad

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STATE	7.500	7.500	5.000	7.500	7.500	7.500	7.500	7.500	7.500	7.500	
<b>Fiscal Year Total</b>		<b>7.500</b>	<b>7.500</b>	<b>5.000</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	
<b>Total First Four Years:</b>				<b>27.500</b>	<b>Total Later Fiscal Years:</b>				<b>45.000</b>			

**DB# 03309 Environmental Project Support**

AQCODE: X1

This program provides payments for environmental services for the following activities: preparation of regulatory agency permit applications and permit fees; ecological surveys and studies; wetland delineations; wetland mitigation monitoring; wetland mitigation remediation; cultural resources surveys and mitigation; hazardous waste investigations and studies; asbestos surveys and abatement; hydrology/hydraulic investigations and studies; air/noise studies; the US Fish & Wildlife Service liaison agreement; and other environmental work as required. These activities are in support of meeting environmental requirements or commitments, and preventing costly violations.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Sweger, Joseph

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	STATE	1.200	1.200	1.100	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
<b>Fiscal Year Total</b>		<b>1.200</b>	<b>1.200</b>	<b>1.100</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	
<b>Total First Four Years:</b>				<b>4.500</b>	<b>Total Later Fiscal Years:</b>				<b>6.000</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X15 Equipment (Vehicles, Construction, Safety)**

AQCODE:

New Jersey does not meet federal air quality standards, pursuant to the federal Clean Air Act. Air pollution from vehicles and equipment pollute the air through combustion and fuel evaporation. These emissions contribute greatly to air pollution in the State and are the primary cause of air pollution in many urban areas. This program provides funding to reduce New Jersey's carbon footprint by the direct purchase or lease/rental of replacement or new equipment to include, but not limited to the following: construction equipment, snow plow trucks, light duty trucks, passenger vehicles including vans & cars, radios, rollers, concrete mixers, asphalt spreaders, trailer-mounted arrow boards, safety trucks, portable light towers, truck-mounted attenuators, portable message boards, emergency service patrol vehicles, incident management response trucks, vehicle fuel system hardware and software, HARs trailers for diversion route planning and implementation (and all parts associated with this equipment). This equipment supports capital, safety and maintenance programs.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Capital Program Support CIS Program Category: Transportation Support Facilities

Project Manager: Jack Longworth / D'Errico, Anthony IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC STATE	22.233	22.784	5.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	
<b>Fiscal Year Total</b>	<b>22.233</b>	<b>22.784</b>	<b>5.000</b>	<b>22.000</b>	<b>22.000</b>	<b>22.000</b>	<b>22.000</b>	<b>22.000</b>	<b>22.000</b>	<b>22.000</b>	
<b>Total First Four Years:</b>				<b>72.017</b>	<b>Total Later Fiscal Years:</b>						<b>132.000</b>

**DB# X15A Equipment, Snow and Ice Removal**

AQCODE:

A stable funding source to be used solely for the continuous improvement of the State's ability to effectively and efficiently remove snow and ice off of the State owned highways and byways. This program will provide direct purchase or replacement of snow and ice removal equipment. Examples of equipment and or stationary assets to include but not limited to; brine manufacturing units, brine distribution equipment, snow plows, salt spreaders, specialized snow fighting equipment, brine manufacturing and calcium dispenser Capital improvements. Part of the funding will be used to replace aging snow equipment that is beyond its functional or useful life.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Capital Program Support CIS Program Category: Transportation Support Facilities

Project Manager: Jack Longworth / D'Errico, Anthony IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC STATE	7.115	7.291	5.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	
<b>Fiscal Year Total</b>	<b>7.115</b>	<b>7.291</b>	<b>5.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	
<b>Total First Four Years:</b>				<b>26.406</b>	<b>Total Later Fiscal Years:</b>						<b>42.000</b>

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 00377 Ferry Program**

AQCODE: This program provides federal funding, distributed annually by formula to states, to construct ferry boats and ferry terminal facilities.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Intermodal Programs

CIS Program Category: Multimodal Programs

Project Manager: Clifton, Genevieve

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

**Mapped: Y**

This project may be suitable for ITS treatments.

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	FBP	6.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>		<b>6.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>
		<b>Total First Four Years: 18.000</b>			<b>Total Later Fiscal Years: 24.000</b>						

**DB# X201 Guiderail Upgrade**

AQCODE: This program provides funding for the design and construction of guiderail replacement, Statewide. Work performed is to systemically upgrade and replace guiderail and guiderail end treatments to meet new standards adopted by the Association of State Highway Transportation Officials' (AASHTO) Manual for Assessing Safety Hardware (MASH).

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Safety

CIS Program Category: Road Assets

Project Manager: Gresavage, Susan

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Streetscape

**Mapped: Y**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	NHPP	24.000	24.000	24.000	34.000	34.000	34.000	44.000	44.000	44.000	44.000
ERC	STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>35.000</b>	<b>35.000</b>	<b>35.000</b>	<b>45.000</b>	<b>45.000</b>	<b>45.000</b>	<b>45.000</b>
		<b>Total First Four Years: 110.000</b>			<b>Total Later Fiscal Years: 250.000</b>						

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 97008 High-Mast Light Poles**

**AQCODE:** This program will provide funding for upgrading or replacement of high mast light towers to meet current standards.

**CMP:** Not SOV Capacity Adding

**Municipalities:**

Planning Center: None

**CIS Program Subcategory:** Roadway Preservation

CIS Program Category: Bridge Assets

**Project Manager:** Bal, Harjit

IPD:

**Mileposts:** N/A

Sponsor: NJDOT

**Improvement Type:** Streetscape

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	NHPP	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
ERC	STBGP-FLEX	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>
<b>Total First Four Years:</b>				<b>8.000</b>	<b>Total Later Fiscal Years:</b>				<b>12.000</b>		

**DB# 09388 Highway Safety Improvement Program Planning**

**AQCODE:** This item consists of three programs – Safety Management System (SMS) safety improvement projects, Local Safety Plans and Rail-Highway safety improvement projects. SMS, through guidance of the HSIP (23 CFR 924), identifies, prioritizes and implements safety programs and projects associated with Safety Improvement Programs in an effort to reduce crashes and crash severity on New Jersey’s roadways. Local Safety Plan will provide the MPOs with resources to develop Local Safety Plans for their sub-regions. Rail-Highway Program will continue onsite inspection of public grade crossing to identify rail-highway grade crossing hazards to develop and implement rail-highway grade crossing safety improvements. This program will also include funding for Safety Resource Center, and Highway Safety Improvement Plan (on-call) Contract and Local Safety Plans. FY22 anticipated authorizations include: 2022 Staff Work Program - Safety, HSIP Project Development & Support, Local Safety Plans, FY 22 Safety Resource Center, FY 22 HSIP Augmentation, and 2022 Staff Work Program - Railroad Engineering.

**CMP:** Not SOV Capacity Adding

Planning Center: None

**Municipalities:**

CIS Program Category: Safety Management

**CIS Program Subcategory:**

**Project Manager:** LiSanti, Daniel

IPD:

**Mileposts:** N/A

Sponsor: NJDOT

**Improvement Type:** Intersection/Interchange Improvements  
This project may be suitable for ITS treatments.

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PLS	HSIP	13.000	4.515	3.484	3.858	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>		<b>13.000</b>	<b>4.515</b>	<b>3.484</b>	<b>3.858</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>
<b>Total First Four Years:</b>				<b>24.857</b>	<b>Total Later Fiscal Years:</b>				<b>24.000</b>		

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 15343 Intelligent Traffic Signal Systems**

AQCODE:

This program will seek to improve mobility on New Jersey's arterial highways. Arterials contribute almost 70% of total congestion that occurs in New Jersey. This program will focus on dynamically managing NJ's arterials from NJDOT's Arterial Management Center. Existing traffic signals will be strategically, systematically and programmatically upgraded from stand-alone signals to highly sophisticated, coordinated, real time traffic response traffic signals. This upgrade will consist of installing new controllers, intelligent software and algorithms, robust detection and communication. This is a plan to upgrade most of the signals on NJDOT owned highways only.

CMP: Minor SOV Capacity

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: Mirza, Wasif IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements **Mapped: Y**  
 This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	CMAQ	8.677	11.234	11.802	14.467	15.000	15.000	15.000	15.000	15.000	15.000
<b>Fiscal Year Total</b>		<b>8.677</b>	<b>11.234</b>	<b>11.802</b>	<b>14.467</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>
<b>Total First Four Years:</b>				<b>46.180</b>	<b>Total Later Fiscal Years:</b>						<b>90.000</b>

**DB# 13304 Intelligent Transportation System Resource Center**

AQCODE:

This program includes the development of a statewide Intelligent Transportation Systems (ITS) Strategic Plan, ITS Deployment Plan, and a Work Zone Mobility Monitoring Program. The center will also conduct research, operational tests, evaluation of deployment scenarios and strategies, training and outreach to develop best practices for implementation of ITS.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: Mirza, Wasif IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements **Mapped: Y**  
 This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STBGP-FLEX	3.500	3.500	3.500	3.500	3.500	3.500	3.500	3.500	3.500	3.500
<b>Fiscal Year Total</b>		<b>3.500</b>	<b>3.500</b>	<b>3.500</b>	<b>3.500</b>	<b>3.500</b>	<b>3.500</b>	<b>3.500</b>	<b>3.500</b>	<b>3.500</b>	<b>3.500</b>
<b>Total First Four Years:</b>				<b>14.000</b>	<b>Total Later Fiscal Years:</b>						<b>21.000</b>



# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X151 Interstate Service Facilities**

AQCODE: This program provides for the development and implementation of improvements and landscaping to the network of interstate highway service facilities.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Quality of Life

CIS Program Category: Road Assets

Project Manager: DeAngelo, Michael

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STATE	1.580	8.141	0.640	0.691	0.732	0.776	0.823	0.872	0.925	0.980
<b>Fiscal Year Total</b>		<b>1.580</b>	<b>8.141</b>	<b>0.640</b>	<b>0.691</b>	<b>0.732</b>	<b>0.776</b>	<b>0.823</b>	<b>0.872</b>	<b>0.925</b>	<b>0.980</b>
<b>Total First Four Years:</b>				<b>11.052</b>	<b>Total Later Fiscal Years:</b>				<b>5.108</b>		

**DB# 13305 Job Order Contracting Infrastructure Repairs, Statewide**

AQCODE: This program implements the use of Job Order Contracting to better manage and control costs associated with transportation infrastructure repairs (e.g. fixed bridge, movable bridge, roadway drainage systems, roadway repair, lighting, basin restoration work, etc.). This program utilizes a 3rd party vendor to control the bid award process for transportation projects with an estimated repair cost under \$1M per project.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Oza, Parth

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STATE	26.680	27.340		25.000	25.000	25.000	25.000	25.000	25.000	25.000
EC	STBGP-FLEX	10.000	8.787	8.710	9.645	10.000	10.000	10.000	10.000	10.000	10.000
<b>Fiscal Year Total</b>		<b>36.680</b>	<b>36.127</b>	<b>8.710</b>	<b>34.645</b>	<b>35.000</b>	<b>35.000</b>	<b>35.000</b>	<b>35.000</b>	<b>35.000</b>	<b>35.000</b>
<b>Total First Four Years:</b>				<b>116.161</b>	<b>Total Later Fiscal Years:</b>				<b>210.000</b>		

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X137      Legal Costs for Right of Way Condemnation**

AQCODE: This program provides reimbursement to the Division of Law for legal work performed in connection with right of way condemnation and capital project litigation.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Stevenson, Debbie

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STATE	1.600	1.600	1.600	1.500	1.500	1.500	1.500	1.500	1.500	1.500	
<b>Fiscal Year Total</b>		<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	
<b>Total First Four Years:</b>				<b>6.300</b>	<b>Total Later Fiscal Years:</b>				<b>9.000</b>			

**DB# 06327      Local Aid Grant Management System**

AQCODE: This program provides for the development and implementation of a web-based grant management system to facilitate customer service to grantees and enable better management of grant funds, both state and federal.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Broccoli, Dave

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STATE	0.200	0.200	0.100	0.200	0.200	0.200	0.200	0.200	0.200	0.200	
<b>Fiscal Year Total</b>		<b>0.200</b>	<b>0.200</b>	<b>0.100</b>	<b>0.200</b>	<b>0.200</b>	<b>0.200</b>	<b>0.200</b>	<b>0.200</b>	<b>0.200</b>	<b>0.200</b>	
<b>Total First Four Years:</b>				<b>0.700</b>	<b>Total Later Fiscal Years:</b>				<b>1.200</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X186 Local Aid, Infrastructure Fund**

AQCODE:

Authorizes the Commissioner of Transportation, at the commissioner's discretion, to allocate State Aid to counties and municipalities for transportation projects. Permits funding for the replacement or rehabilitation of orphan bridges. In the fiscal year commencing July 1, 2016, any amount appropriated to the Local Aid Infrastructure Fund above \$7,500,000 shall be deposited into the State Transportation Infrastructure Bank Fund, established pursuant to section 34 of P.L.2016, c.56 (C.58:11B-10.4).

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Broccoli, Dave

IPD:

Mileposts: N/A

Sponsor: Local Lead

Improvement Type: Roadway Rehabilitation

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	STATE	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	
<b>Fiscal Year Total</b>		<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	
<b>Total First Four Years:</b>				<b>30.000</b>	<b>Total Later Fiscal Years:</b>				<b>45.000</b>			

**DB# X186B Local Aid, State Transportation Infrastructure Bank**

AQCODE: TBD

Funds appropriated to this program shall be used to provide loans or other assistance to public or private entities for the purpose of financing all or a portion of the costs incurred for the planning, acquisition, engineering, construction, reconstruction, repair or rehabilitation of a transportation project or for any other purpose permitted under the federal infrastructure bank program.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Local System Support

Project Manager: Broccoli, Dave

IPD:

Mileposts:

Sponsor: Local Lead

Improvement Type: Local County & Municipal Aid

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	STATE	22.600	22.600	22.600	20.500	20.500	20.500	20.500	20.500	20.500	20.500	
<b>Fiscal Year Total</b>		<b>22.600</b>	<b>22.600</b>	<b>22.600</b>	<b>20.500</b>	<b>20.500</b>	<b>20.500</b>	<b>20.500</b>	<b>20.500</b>	<b>20.500</b>	<b>20.500</b>	
<b>Total First Four Years:</b>				<b>88.300</b>	<b>Total Later Fiscal Years:</b>				<b>123.000</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 08387 Local Bridges, Future Needs**

AQCODE: S19 Formula-based and competitive-based funding is provided to counties for future needs related to the local bridge system.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None  
 CIS Program Subcategory: Bridge Preservation CIS Program Category: Local System Support  
 Project Manager: Broccoli, Dave IPD:  
 Mileposts: N/A Sponsor: NJDOT  
 Improvement Type: Bridge Repair/Replacement Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	47.300	47.300	47.300	44.000	44.000	44.000	44.000	44.000	44.000	44.000
<b>Fiscal Year Total</b>		<b>47.300</b>	<b>47.300</b>	<b>47.300</b>	<b>44.000</b>	<b>44.000</b>	<b>44.000</b>	<b>44.000</b>	<b>44.000</b>	<b>44.000</b>	<b>44.000</b>
<b>Total First Four Years:</b>				<b>185.900</b>	<b>Total Later Fiscal Years:</b>						<b>264.000</b>

**DB# 17390 Local Freight Impact Fund**

AQCODE: TBD Authorizes the Commissioner of Transportation, at the commissioner’s discretion, to allocate State Aid to counties and municipalities for transportation projects that address the impacts of freight travel in local communities and on local transportation infrastructure. This State Aid is set aside prior to any formula allocations to counties and municipalities pursuant to the Transportation Trust Fund Act.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None  
 CIS Program Subcategory: CIS Program Category: Local System Support  
 Project Manager: Broccoli, Dave IPD:  
 Mileposts: N/A Sponsor: NJDOT  
 Improvement Type: Other Mapped: Y  
 This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	30.100	30.100	30.100	30.100	30.100	28.000	28.000	28.000	28.000	28.000
<b>Fiscal Year Total</b>		<b>30.100</b>	<b>30.100</b>	<b>30.100</b>	<b>30.100</b>	<b>30.100</b>	<b>28.000</b>	<b>28.000</b>	<b>28.000</b>	<b>28.000</b>	<b>28.000</b>
<b>Total First Four Years:</b>				<b>120.400</b>	<b>Total Later Fiscal Years:</b>						<b>170.100</b>

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

#### DB# X98Z Local Municipal Aid, Urban Aid

AQCODE:

This program provides funds allocated to Urban Aid for transportation improvements under the NJ Transportation Trust Fund Act.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Broccoli, Dave

IPD:

Mileposts: N/A

Sponsor: Local Lead

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
<b>Fiscal Year Total</b>		<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>
<b>Total First Four Years:</b>				<b>40.000</b>	<b>Total Later Fiscal Years:</b>				<b>60.000</b>		

#### DB# X196 Maintenance & Fleet Management System

AQCODE:

This program provides for the continued operation and system upgrades of the Maintenance & Fleet Management Systems. These systems provide enhanced data accumulation and cost management dissemination capabilities for maintenance operations and a required compatible data source for related systems that are required for federal funding justification (Pavement and Bridge Management Systems). Also included will be the purchase of equipment for the NJDOT fleet and funding for monthly air-time fees.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Transportation Support Facilities

Project Manager: Jack Longworth / D'Errico, Anthony

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STATE	3.000	3.000	1.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
<b>Fiscal Year Total</b>		<b>3.000</b>	<b>3.000</b>	<b>1.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>
<b>Total First Four Years:</b>				<b>10.000</b>	<b>Total Later Fiscal Years:</b>				<b>18.000</b>		

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 01309 Maritime Transportation System**

AQCODE:

This program provides funding to support New Jersey's Maritime Industry and Marine Transportation System. The system includes; navigable channels, the State Channel Dredging Program and dredged material management technologies, marine environment enhancements, berth and terminal structures, related intermodal transportation facilities and corridors, shipping, receiving and cargo movement tracking systems, GPS/GIS, Vessel Traffic and Port Information Systems, Physical Oceanographic Real-Time Systems, science, technology and education programs. Navigation aides, boat building technologies, ocean habitat tracking systems and other new technologies interact to create a seamless system linking all aspects of the maritime industry into a single transportation matrix.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Intermodal Programs CIS Program Category: Multimodal Programs

Project Manager: Clifton, Genevieve IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other **Mapped: Y**  
 This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STATE	20.000	15.000	5.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	
<b>Fiscal Year Total</b>		<b>20.000</b>	<b>15.000</b>	<b>5.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	
<b>Total First Four Years:</b>				<b>55.000</b>	<b>Total Later Fiscal Years:</b>					<b>90.000</b>		

**DB# 07332 Minority and Women Workforce Training Set Aside**

AQCODE:

State law requires that an allocation of one half of one percent for State construction contracts over \$1 million is set aside for minority and women outreach and training purposes. Training and outreach activities will have particular emphasis on contractors who do not meet workforce goals. This requirement is delineated under NJAC 17:27-7.4. NJDOT is committing to the training requirement on a programmatic level rather than on a project-by-project level.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Capital Program Support CIS Program Category: Capital Program Delivery

Project Manager: Genovese, Tony IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STATE	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	
<b>Fiscal Year Total</b>		<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	
<b>Total First Four Years:</b>				<b>6.000</b>	<b>Total Later Fiscal Years:</b>					<b>7.500</b>		

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 13306      Mobility and Systems Engineering Program**

AQCODE:

This combined program seeks to improve mobility inclusive of but not limited to Intelligent Transportation Systems (ITS), Traffic Signal Timing and Optimization, monitoring Workzone Mobility and Advanced Traveler Information System (ATIS) programs. A combined program will allow for improved, cohesive and sustainable planning, design, procurement and deployment of operations' strategies such as ITS technologies and ATIS. Federal mandates such as: (a) following and maintaining ITS Architecture, (b) preparing TMPs for major construction projects, (c) motorist's information sharing (511), (d) "Every Day Counts" initiatives, (e) incorporation of adaptive signal systems, (f) hard shoulder use, (g) performance measures and, (h) maintenance/upgrade/enhancement of existing ITS infrastructure and hardware are covered under this program. This program also includes review and development of new technology and the possible application, design, procurement, testing and deployment of such technologies. The development of contract documents and engineering plans for various projects and ITS contracts is also included. This program includes technical and engineering support needed for the Traffic Operations Centers; development, enhancement and maintenance of the existing ITS infrastructure, ATIS associated database; and funding for Multimodal Transportation Coordination and Information Related Services. This program will support NJDOT's traffic signal optimization efforts and the Arterial Management Center.

CMP:                                      Minor SOV Capacity

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Congestion Relief

Project Manager:                      Mirza, Wasif

IPD:

Mileposts:                                N/A

Sponsor: NJDOT

Improvement Type:                      Signal/ITS Improvements

**Mapped: Y**

This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	NHPP	10.412	10.840	5.420	6.000	6.000	6.000	6.000	6.000	6.000	6.000
EC	STATE	2.500	2.500	1.500	2.000	2.000	2.000	2.000	2.000	2.000	2.000
EC	STBGP-FLEX	6.500	16.816	1.180	1.447	1.500	1.500	1.500	1.500	1.500	1.500
<b>Fiscal Year Total</b>		<b>19.412</b>	<b>30.156</b>	<b>8.100</b>	<b>9.447</b>	<b>9.500</b>	<b>9.500</b>	<b>9.500</b>	<b>9.500</b>	<b>9.500</b>	<b>9.500</b>
		<b>Total First Four Years:    67.115</b>			<b>Total Later Fiscal Years:    57.000</b>						

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X233 Motor Vehicle Crash Record Processing**

AQCODE:

This program provides the in-house Crash Records unit resources to prepare and cleanse all crash reports to be utilized for developing safety improvement programs. The staff ensure the completeness, accuracy and accessibility of crash data. This is accomplished through a cooperative effort between BTDS, OIT and other HSIP agencies in sharing issues related to the integrity of the data. This program also covers the Electronic Data Transfer (EDT) which expand the FTP capabilities to receive digital crash reports from additional law enforcement agencies. The new Crash Records EDT contract will introduce the use of electronic devices to collect information. It will enable to streamline crash records data validation, correction process and error handling.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Safety CIS Program Category: Safety Management

Project Manager: Thomas, Paul IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	HSIP	2.500	2.197	2.177	2.411	2.500	2.500	2.500	2.500	2.500	2.500
<b>Fiscal Year Total</b>		<b>2.500</b>	<b>2.197</b>	<b>2.177</b>	<b>2.411</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>
<b>Total First Four Years:</b>				<b>9.285</b>	<b>Total Later Fiscal Years:</b>				<b>15.000</b>		

**DB# X34 New Jersey Rail Freight Assistance Program**

AQCODE:

This program funds the rehabilitation and improvement of key elements of the New Jersey rail freight network. Funds are used for acquisition, rehabilitation, facility construction, and substitute service assistance under the State Freight Assistance Program. The program provides matching funds to federal grants and to participate in other projects and programs that improve the intermodal goods movement network and support economic development initiatives. The program also provides funding for the design, construction, reconstruction, rehabilitation, land acquisition, and environmental mitigation of freight rail projects that: are significant to port commerce connectivity; eliminate rail freight missing links to port facilities; or upgrade freight rail trackage to a 286,000 pound load carrying capacity.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Intermodal Programs CIS Program Category: Multimodal Programs

Project Manager: Clifton, Genevieve IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other **Mapped: Y**  
This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STATE	25.000	25.000	5.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000
<b>Fiscal Year Total</b>		<b>25.000</b>	<b>25.000</b>	<b>5.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>
<b>Total First Four Years:</b>				<b>80.000</b>	<b>Total Later Fiscal Years:</b>				<b>150.000</b>		



# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X200C New Jersey Scenic Byways Program**

AQCODE:

This program will assist in the advancement of the NJ Scenic Byways Program and the stewardship and enhancement of the scenic, recreational, archaeological, natural, cultural and historic intrinsic qualities associated with the designated byways. Funding will be utilized for planning, design and development of the state program and for the planning, design, development, marketing and implementation of the complete set of byways within the state program. This includes but it's not limited to research leading to the development of themes for byways, activities associated with identifying and marketing tourist amenities on scenic byways on a statewide basis, activities associated with assessing the economic impacts on the set of byways, activities associated in building strong partnerships between the byways and other groups that can assist them in sustaining and promoting their byways. It also includes updating the signage needed to show designation as a National Scenic Byway, All American Road or NJ State Byway.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Quality of Life CIS Program Category: Road Assets

Project Manager: Bloom-Cronin, Cindy IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC TA-FLEX	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
<b>Fiscal Year Total</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>
<b>Total First Four Years:</b>				<b>2.000</b>	<b>Total Later Fiscal Years:</b>				<b>3.000</b>	

**DB# 99372 Orphan Bridge Reconstruction**

AQCODE: S19

This program provides funding for engineering and construction of orphan bridges. The bridges will be designed utilizing in-house and task order designers. The bridges will be reconstructed in the existing footprint, with the abutments being repaired, and the superstructures being replaced with prefabricated/precast systems whenever possible.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Bridge Preservation CIS Program Category: Bridge Assets

Project Manager: Oza, Parth IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STATE	4.000	4.000	1.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
<b>Fiscal Year Total</b>	<b>4.000</b>	<b>4.000</b>	<b>1.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>
<b>Total First Four Years:</b>				<b>12.000</b>	<b>Total Later Fiscal Years:</b>				<b>18.000</b>	

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X28B Park and Ride/Transportation Demand Management Program**

AQCODE: A1

This program supports Transportation Demand Management (TDM) options for carpooling, vanpooling, and transit by providing funding of leases for park-and-rides in areas with high demand throughout the state. The department continues to support approximately 15 leased park-and-rides statewide in an effort to reduce air pollution and congestion and improve air quality.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Congestion Relief

CIS Program Category: Congestion Relief

Project Manager: Vari, James

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
		<b>Total First Four Years: 4.000</b>				<b>Total Later Fiscal Years: 6.000</b>					

**DB# X51 Pavement Preservation**

AQCODE: S10

This program will allow NJDOT to accomplish eligible federal pavement preservation activities on New Jersey's Interstate highway system and will also allow for pavement preservation on all other state-maintained roads, which help to keep New Jersey's highway system in a state of good repair. With timely preservation, the NJDOT can provide the traveling public with improved safety and mobility, reduced congestion and smoother, longer lasting pavements. FY22 Statewide Line Item: Rt 29, Rt 175 to Weeden St. FY22 DVRPC Line Item: Route 68, Cavell Street to Route 206 (Burlington County), Route 206, White Pine Road to the NJ Turnpike (Burlington County), Route 42, Route 168 (Black Horse Pike/Atlantic City Expressway) to Route 55 (Gloucester County), Route 322, Boro Commons Drive to CR 536/CR 654 (Main St.) (Gloucester County), and Route 29, State House Complex to Route 295 (City of Trenton and Ewing Township in Mercer County), and Rt 55 SB, Rt 40 to Lambs Rd (CR 635). There is a Pavement Preservation project, Rt 77, Bridgeton Road (CR 614) to Gangemi Lane (DB: 22346), that is located in both DVRPC (Gloucester County) and SJTPO (Salem County). In order to fund this project, a STATEWIDE line has been added to the Pavement Preservation program.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Gresavage, Susan

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	CRRSAA-FLEX		4.015								
ERC	HWYINF	0.000									
ERC	NHPP	3.120	5.460								
<b>Fiscal Year Total</b>		<b>3.120</b>	<b>9.475</b>								
		<b>Total First Four Years: 12.595</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X29 Physical Plant**

**AQCODE:** This program will provide for major repairs, rehabilitation, and replacement of the NJDOT physical plant facilities which are not in compliance with fire and safety standards, do not meet building codes, or which are functionally obsolete for supporting current maintenance, construction, and engineering activities.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Planning Center: None

**CIS Program Subcategory:** Capital Program Support      **CIS Program Category:** Transportation Support Facilities

**Project Manager:** DeAngelo, Michael      **IPD:**

**Mileposts:** N/A      **Sponsor:** NJDOT

**Improvement Type:** Other      **Mapped: Y**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	22.223	22.784	5.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000
<b>Fiscal Year Total</b>		<b>22.223</b>	<b>22.784</b>	<b>5.000</b>	<b>22.000</b>	<b>22.000</b>	<b>22.000</b>	<b>22.000</b>	<b>22.000</b>	<b>22.000</b>	<b>22.000</b>
<b>Total First Four Years:</b>				<b>72.007</b>	<b>Total Later Fiscal Years:</b>						<b>132.000</b>

**DB# X30 Planning and Research, Federal-Aid**

**AQCODE:** X1 Funding from this program will enable NJDOT to continue to address planning and research needs in a comprehensive program of studies and proposal development in order to maximize the use of financial resources and staff. Activities will include data collection, inter-governmental planning coordination, planning work in support of the management systems, research initiatives and Local Technical Assistance Program.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Planning Center: None

**CIS Program Subcategory:** Capital Program Delivery      **CIS Program Category:** Capital Program Delivery

**Project Manager:** Lewis, James      **IPD:**

**Mileposts:** N/A      **Sponsor:** NJDOT

**Improvement Type:** Other      **Mapped: Y**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PLS	LTAP	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
PLS	SPR	28.896	25.126	22.665	23.014	23.368	23.727	24.092	24.463	24.839	25.222
PLS	STBGP-FLEX	16.523	25.795	12.000	12.000	12.000	19.541	19.604	19.667	19.667	19.667
<b>Fiscal Year Total</b>		<b>45.569</b>	<b>51.071</b>	<b>34.815</b>	<b>35.164</b>	<b>35.518</b>	<b>43.418</b>	<b>43.846</b>	<b>44.280</b>	<b>44.656</b>	<b>45.039</b>
<b>Total First Four Years:</b>				<b>166.619</b>	<b>Total Later Fiscal Years:</b>						<b>256.757</b>

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X140 Planning and Research, State**

AQCODE: X1

This program will provide for planning activities which include needs assessments, geometric deficiencies, local aid assistance, congestion management, travel market analysis, formulation of a new statewide plan, facilitating/implementing multimodal transportation, demographics, access management plans, transportation policy, equipment, modeling, clean air initiatives, data collection equipment, deployment of new technology initiatives, and research initiatives.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Lewis, James

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PLS	STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
		<b>Total First Four Years: 4.000</b>				<b>Total Later Fiscal Years: 6.000</b>					

**DB# X135 Pre-Apprenticeship Training Program for Minorities and Women**

AQCODE:

This is a federal grant program that supports pre-apprenticeship training and outreach activities aimed at women and minorities including training and supportive services necessary to help them prepare and qualify for union apprenticeship programs connected with highway construction and employment with NJ DOT. This program will also support the technology required to monitor, maintain and generate reports on program essentials and trainee participant progress.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Support

CIS Program Category: Capital Program Delivery

Project Manager: Overton, Jeff

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STBGP-FLEX	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
<b>Fiscal Year Total</b>		<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>
		<b>Total First Four Years: 2.000</b>				<b>Total Later Fiscal Years: 3.000</b>					

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X10 Program Implementation Costs, NJDOT**

AQCODE: This program will provide funding for salaries and other administrative expenses which directly relate to developing and delivering the Capital Program. This funding is allocated for multi-year and previously authorized project costs.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Stevenson, Debbie

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STATE	108.240	110.410	16.000	107.688	107.999	108.474	108.474	108.474	108.474	108.474
<b>Fiscal Year Total</b>	<b>108.240</b>	<b>110.410</b>	<b>16.000</b>	<b>107.688</b>	<b>107.999</b>	<b>108.474</b>	<b>108.474</b>	<b>108.474</b>	<b>108.474</b>	<b>108.474</b>
<b>Total First Four Years:</b>			<b>342.338</b>	<b>Total Later Fiscal Years:</b>			<b>650.369</b>			

**DB# 10344 Project Development: Concept Development and Preliminary Engineering**

AQCODE: This program will provide funding for Concept Development and Preliminary Engineering work on various identified projects on the state transportation system. Functions to be performed include, but are not limited to, data collection including traffic counts and review of as-built plans, evaluation of existing deficiencies, evaluation of existing safety conditions, environmental screenings, assessment of right-of-way and access impacts, assessment of environmental impacts, identification of a Preliminary Preferred Alternative, National Environmental Protection Agency classification, estimates, technical environmental studies, base mapping/surveying, utility investigations, right of way research and estimates, drainage investigations, geotechnical investigations, engineering in support of the environmental document, an approved environmental document, cost estimates and community outreach/involvement.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Capital Program Delivery

Project Manager: Shah, Atul

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CD STATE	4.447	4.557	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>	<b>4.447</b>	<b>4.557</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>
<b>Total First Four Years:</b>			<b>17.004</b>	<b>Total Later Fiscal Years:</b>			<b>24.000</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 05341 Project Management & Reporting System (PMRS)**

AQCODE:

This funding is provided to support planned Capital Program Management work, and incorporate functionality by other areas of the department, as well. The PMRS program will provide a collaborative environment for all department stakeholders to utilize one Project Management & Reporting System to manage projects from start to finish. PMRS will facilitate access by all parties, and allow colaberative input into the process. Such initial, Department-wide, access will, ultimately, reduce project costs.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Ackerman, Scott

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
DES	STATE	1.500	1.130		1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>1.500</b>	<b>1.130</b>		<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
		<b>Total First Four Years: 3.630</b>			<b>Total Later Fiscal Years: 6.000</b>						

**DB# 17337 Project Management Improvement Initiative Support**

AQCODE:

Provides expert consulting services, related to processes and organizational development, in the area of project and program management, including information systems architecture and integration for project and construction management information technology systems. Provides program management services to NJDOT for the implementation of Project Management and Reporting Systems including; e-Builder Enterprise Software as a Service information system, and other sub-systems such as Bluebeam. Provides coaching and mentoring services to NJDOT personnel in the areas of; project and program management, general organizational behavior of project related organizations, and training assessment guidance.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Capital Program Delivery

Project Manager: Signora, Robert

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
DES	STATE	3.000	3.000		3.000	3.000					
<b>Fiscal Year Total</b>		<b>3.000</b>	<b>3.000</b>		<b>3.000</b>	<b>3.000</b>					
		<b>Total First Four Years: 9.000</b>			<b>Total Later Fiscal Years: 3.000</b>						

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 22353 PROTECT**

AQCODE:

This federal-aid funding category established under the Infrastructure Investment and Jobs Act (IIJA), provides funds for planning, resilience improvements, community resilience and evacuation routes, and at-risk coastal infrastructure.

CMP:

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category:

Project Manager:

IPD:

Mileposts:

Sponsor: NJDOT

Improvement Type:

**Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
PFP		34.429	35.118	35.820	36.537	37.268	38.013	38.773	39.549	40.340
<b>Fiscal Year Total</b>		<b>34.429</b>	<b>35.118</b>	<b>35.820</b>	<b>36.537</b>	<b>37.268</b>	<b>38.013</b>	<b>38.773</b>	<b>39.549</b>	<b>40.340</b>
<b>Total First Four Years:</b>			<b>105.367</b>	<b>Total Later Fiscal Years:</b>			<b>230.480</b>			

**DB# X35A1 Rail-Highway Grade Crossing Program, Federal**

AQCODE: S1

This program will provide funding for the elimination of hazards at rail-highway grade crossings, the rehabilitation of grade crossing surfaces, and the installation of protective warning devices for roadways both on and off the federal-aid system. Funding will also be provided for the traffic control items required during the construction work and the installation of advance warning signs and pavement markings at all highway-rail grade crossings.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: Safety

CIS Program Category: Safety Management

Project Manager: Hirt, Todd

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements

**Mapped: N**

This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC RHC-FLEX	1.999									
<b>Fiscal Year Total</b>	<b>1.999</b>									
<b>Total First Four Years:</b>			<b>1.999</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X35A Rail-Highway Grade Crossing Program, State**

AQCODE: S8

This program will provide state funding for the elimination of hazards at rail-highway grade crossings by the closure of crossings or the upgrade/improvement of protective warning devices for roads throughout the state. This funding will allow flexibility in allocating monies for emergency repairs as well as to the areas in need regardless of their geographic location (MPO). This program will also allow grade crossing closures without drawing down the federal funds used for grade crossing improvements. Funding will also be provided for the design of traffic detours required for the crossing surface reconstruction projects. This program will also provide funding for emergency repairs to the riding surface of highway-rail grade crossings identified during inspections or from complaints received. These repairs will be accomplished by an NJDOT contractor as priority situations are identified. These repairs will be limited to surface repairs that do not require railroad infrastructure work, or reconstruction of the crossing. This program will also include the installation of roadway-related items (signs, pavement markings) that have been identified as missing or needing replacement or are required (outstanding work from municipalities and counties) to close out federally funded grade crossing projects from previous years.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Safety CIS Program Category: Safety Management

Project Manager: Hirt, Todd IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements **Mapped: Y**  
 This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON STATE	2.900	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
<b>Fiscal Year Total</b>	<b>2.900</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>
<b>Total First Four Years:</b>				<b>17.900</b>	<b>Total Later Fiscal Years:</b>				<b>30.000</b>	

**DB# 99409 Recreational Trails Program**

AQCODE: A1

New Jersey's Recreational Trails Program provides grants to public agencies and non-profit organizations for a variety of trail projects. The program is administered by the NJ Department of Environmental Protection, Division of Parks and Forestry. Under the program, a minimum of 30 percent of the project funding must be provided for motorized trail projects (ATVs, dirt bikes, snowmobiles), 30 percent for non-motorized (hiking, biking, horseback riding), and 40 percent for diverse use, which is any combination of motorized and non-motorized trail user types. New Jersey has established a maximum grant award of \$25,000 for non-motorized and diverse projects. Grantees must match 20 percent of the total project costs.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Intermodal Programs CIS Program Category: Multimodal Programs

Project Manager: Vari, James IPD:

Mileposts: N/A Sponsor: NJDEP

Improvement Type: Bicycle/Pedestrian Improvement **Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC TA-RTP	1.227	1.227	1.227	1.227	1.227	1.227	1.227	1.227	1.227	1.227
<b>Fiscal Year Total</b>	<b>1.227</b>	<b>1.227</b>	<b>1.227</b>	<b>1.227</b>	<b>1.227</b>	<b>1.227</b>	<b>1.227</b>	<b>1.227</b>	<b>1.227</b>	<b>1.227</b>
<b>Total First Four Years:</b>				<b>4.907</b>	<b>Total Later Fiscal Years:</b>				<b>7.361</b>	



# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X144      Regional Action Program**

AQCODE: X9

This program funds low-cost, quick turn-around capital improvements and small-scale landscape contracts. Funds are provided to create Clear Zones, unobstructed, traversable roadside areas that allow a driver to stop safely or regain control of a vehicle that has left the roadway. Funding is also provided for small-scale landscape contracts (Good Neighbor Program) in an effort to minimize adverse effects of highways where engineering solutions are prohibitive.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Sweger, Joseph

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	CRRSAA-FLEX	0.000	5.000									
EC	STATE	2.000	2.000	1.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>7.000</b>	<b>1.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	
<b>Total First Four Years:</b>				<b>12.000</b>	<b>Total Later Fiscal Years:</b>				<b>12.000</b>			

**DB# X03A      Restriping Program & Line Reflectivity Management System**

AQCODE: S11

This program funds the application of long-life pavement markings and raised pavement markers on the state highway system. The Line Reflectivity Management Unit was formed, within Maintenance Engineering and Operations, to record reflectivity readings of pavement markings in order to more efficiently and effectively develop and implement the annual striping program for the NJDOT. All equipment purchases will be funded by the NJDOT equipment line item.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: Safety

CIS Program Category: Safety Management

Project Manager: Oza, Parth

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: N

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STBGP-FLEX	29.751	22.732	13.375	16.396	17.000	17.000	17.000	17.000	17.000	17.000	
<b>Fiscal Year Total</b>		<b>29.751</b>	<b>22.732</b>	<b>13.375</b>	<b>16.396</b>	<b>17.000</b>	<b>17.000</b>	<b>17.000</b>	<b>17.000</b>	<b>17.000</b>	<b>17.000</b>	
<b>Total First Four Years:</b>				<b>82.254</b>	<b>Total Later Fiscal Years:</b>				<b>102.000</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X03E Resurfacing Program**

AQCODE: S10

This comprehensive program funds renewed riding surfaces on state highways in order to prolong the life of pavement and provide an improved ride. This resurfacing program is a key component of the NJDOT's broader Pavement Management Program, which is aimed at preserving and extending the life of state highways. Individual highway segments are selected for resurfacing, or other treatments, through the NJDOT's Pavement Management System. This program consists primarily of resurfacing of highway segments, but may also include; selected repair activities, minor upgrades such as curbing, application of long-life pavement markings and raised pavement markers, and the acquisition of essential equipment and materials.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Roadway Preservation CIS Program Category: Road Assets

Project Manager: Oza, Parth IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation **Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STATE	88.932	91.134	16.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000
<b>Fiscal Year Total</b>	<b>88.932</b>	<b>91.134</b>	<b>16.000</b>	<b>90.000</b>	<b>90.000</b>	<b>90.000</b>	<b>90.000</b>	<b>90.000</b>	<b>90.000</b>	<b>90.000</b>
<b>Total First Four Years:</b>			<b>286.066</b>	<b>Total Later Fiscal Years:</b>			<b>540.000</b>			

**DB# 99327A Resurfacing, Federal**

AQCODE: S10

Funding from this program provides design and construction of pavement resurfacing projects. This program also provides; pavement recommendations, surveys, aerial photography, photogrammetry, base mapping, and engineering, needed to prepare contract documents in order to advertise resurfacing projects. In addition, this program funds contractor services to construct resurfacing projects. Project lists are developed from the Pavement Management System and visual inspection of roadway segments in need of repair. This program also funds preliminary engineering for pavement reconstruction projects. Guiderail end treatment upgrades, such as measures to absorb the energy of an impact, are funded.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Roadway Preservation CIS Program Category: Road Assets

Project Manager: Vari, James IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation **Mapped: N**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC CRRSAA-FLEX	3.000									
ERC NHPP	1.000	1.000	1.000	10.000	50.000	50.000	25.000	10.000	19.950	10.000
ERC STBGP-FLEX	1.138	0.703								
<b>Fiscal Year Total</b>	<b>5.138</b>	<b>1.703</b>	<b>1.000</b>	<b>10.000</b>	<b>50.000</b>	<b>50.000</b>	<b>25.000</b>	<b>10.000</b>	<b>19.950</b>	<b>10.000</b>
<b>Total First Four Years:</b>			<b>17.841</b>	<b>Total Later Fiscal Years:</b>			<b>164.950</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 05339 Right of Way Database/Document Management System**

**AQCODE:** This program funds the ongoing maintenance (web hosting and routine repairs) and updates for ROW unit (PAECETrack) and Access unit (Highway Access Permitting System) databases. The system is a web based allowing access from the field. The system is approved and supported by the Office of Information Technology. This system has scheduling, document production, management control, GIS, and extensive reporting capabilities. Both systems are being upgraded to keep pace with new requirements and regulatory changes. Cost covers both annual hosting and occasional upgrades as may be required.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Capital Program Delivery CIS Program Category: Capital Program Delivery

Project Manager: Kook, David IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STATE	0.500	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	
<b>Fiscal Year Total</b>		<b>0.500</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	
<b>Total First Four Years:</b>				<b>1.400</b>	<b>Total Later Fiscal Years:</b>				<b>1.800</b>			

**DB# 05340 Right of Way Full-Service Consultant Term Agreements**

**AQCODE:** This program will allow for the increased utilization of full service ROW consultant firms to address peak workload demands in the right of way component of the capital program delivery process. Due to staff reduction from retirements and loss of institutional specialists, it may be necessary to provide for supplementary consultant forces to work with the right of way team on specific projects. The task order agreements will be established based on initial funding amounts of \$10,000, with the continued funding of individual task order assignments through project specific state and federal right of way funding accounts.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Capital Program Delivery CIS Program Category: Capital Program Delivery

Project Manager: Kook, David IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ROW	STATE	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	
ROW	STBGP-FLEX	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	
<b>Fiscal Year Total</b>		<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	
<b>Total First Four Years:</b>				<b>1.400</b>	<b>Total Later Fiscal Years:</b>				<b>2.100</b>			



# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

DB# 99358

#### Safe Routes to School Program

AQCODE: A2

This program provides funding for locally initiated pedestrian access and safety projects to provide safe access to schools. Funding is provided to the states to undertake a Safe Routes to Schools program. Ten to thirty percent of the money must fund enforcement, education and encourage programs. The remaining funding must fund programs leading to the construction of bicycle and pedestrian facilities as well as the salary of a full-time program coordinator. NJDOT designates as Advance Construction all projects funded from this program.

Seven projects, totaling \$4.013 million (M) TA-FLEX funds, from the DVRPC NJ region were selected and approved by the DVRPC Board on May 26, 2022:

- 1) \$358,000 for Lawrenceville Elementary School Pedestrian Safety Improvements in Lawrenceville Township, Mercer County;
  - 2) \$256,000 for Phase 2 of the Busansky/Emmons Schools Multimodal Improvements in Pemberton Township, Burlington County;
  - 3) \$422,000 for the Peach Road and Victory Drive Intersection Improvements in Bellmawr Borough, Camden County;
  - 4) \$1.2 M for the Installation of Missing Sidewalks in Haddon Heights Borough, Camden County;
  - 5) \$675,000 for the Echelon Center Pedestrian Improvements in Voorhees Township, Camden County;
  - 6) \$470,000 for the Gibbsboro Road and Berlin Road Intersection Improvements in Clementon Borough, Camden County;
- and
- 7) \$632,000 for the Clayton Middle and High School Sidewalk and ADA Improvements in Clayton Borough, Gloucester County.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Intermodal Programs

CIS Program Category: Safety Management

Project Manager: Seaman, Julie

IPD:

Mileposts: N/A

Sponsor: Local Lead

Improvement Type: Bicycle/Pedestrian Improvement

Mapped: Y

This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC TA-FLEX	5.587	5.587	5.587	5.587	5.587	5.587	5.587	5.587	5.587	5.587
<b>Fiscal Year Total</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>
<b>Total First Four Years:</b>			<b>22.348</b>	<b>Total Later Fiscal Years:</b>			<b>33.522</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 06402 Safe Streets to Transit Program**

AQCODE: A2 This program identifies areas around train stations or bus stops and analyzes the risk based on crash history and exposure. Once the areas are identified, this program develops multi-modal improvement plans to address the issues.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Intermodal Programs CIS Program Category: Safety Management

Project Manager: Broccoli, Dave IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement **Mapped: Y**  
 This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
<b>Fiscal Year Total</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	
<b>Total First Four Years:</b>				<b>4.000</b>	<b>Total Later Fiscal Years:</b>				<b>6.000</b>		

**DB# 19370 Safety Programs**

AQCODE: S6 This program uses Highway Safety Improvement Program (HSIP) funding to support eligible Safety Improvement Projects and Pedestrian Safety Improvement Projects, including engineering, ROW and Construction activities intended to reduce fatalities and serious injuries on New Jersey roadways using both hotspot and systemic projects. Examples of some of these improvements are: safety improvements to install safety countermeasures such as utility pole mitigation, roundabouts, road diets, and other FHWA Proven Safety Countermeasures, including innovative technology – in order to reduce crashes and crash severities on New Jersey’s state roads. The state funding is intended for low cost safety improvement projects using in-house design and construction. FY22 anticipated authorizations in the DVRPC region: Int. Impr. Prog. & Safety Corridor Prog. With ROW - South 2017 (US 130 and Riverton-Moore, Cinnaminson Twp) for PE; Int. Impr. Prog. & Safety Corridor Prog. With ROW - South 2017 (Rt 30, Franklin Ave/CR 692, Berlin Borough) for PE; Systemic Backplate Pilot Program South, Safety Improvements (various municipalities) for CD.

CMP:

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Safety Management

Project Manager: LiSanti, Daniel IPD:

Mileposts: Sponsor: NJDOT

Improvement Type: Other **Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC HSIP	23.309	22.160	12.193	10.503	13.781	14.000	14.000	14.000	14.000	14.000	
ERC STATE	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	
<b>Fiscal Year Total</b>	<b>23.559</b>	<b>22.410</b>	<b>12.443</b>	<b>10.753</b>	<b>14.031</b>	<b>14.250</b>	<b>14.250</b>	<b>14.250</b>	<b>14.250</b>	<b>14.250</b>	
<b>Total First Four Years:</b>				<b>69.165</b>	<b>Total Later Fiscal Years:</b>				<b>85.281</b>		

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 13307 Salt Storage Facilities - Statewide**

AQCODE: This program provides construction of new salt barns at various maintenance yards across the State (1 per Region) to improve snow and ice removal capabilities, and response time.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Transportation Support Facilities

Project Manager: DeAngelo, Michael IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC STATE	3.000	3.000	1.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
<b>Fiscal Year Total</b>	<b>3.000</b>	<b>3.000</b>	<b>1.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>
<b>Total First Four Years:</b>			<b>10.000</b>	<b>Total Later Fiscal Years:</b>			<b>18.000</b>			

**DB# X239 Sign Structure Inspection Program**

AQCODE: This program provides funding for the inspection of overhead and cantilever sign structures on state roadways. There are over 1,700 sign structures, including overhead, cantilever and variable message structures on state routes. This program also provides for the inspection of approximately 200 high mast light pole structures on state roadways.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Quality of Life CIS Program Category: Bridge Assets

Project Manager: Bal, Harjit IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STATE	2.100	2.100		2.000	2.000	2.000	2.000	2.000	2.000	2.000
<b>Fiscal Year Total</b>	<b>2.100</b>	<b>2.100</b>		<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>
<b>Total First Four Years:</b>			<b>6.200</b>	<b>Total Later Fiscal Years:</b>			<b>12.000</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X239A Sign Structure Rehabilitation/Replacement Program**

**AQCODE:** This program funds the rehabilitation and replacement of existing VMS (variable message signs), overhead and cantilever sign structures located on state highways. This program will also provide funding for recommendations, survey, aerial photography, photogrammetry, base mapping and engineering.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Planning Center: None

**CIS Program Subcategory:** Quality of Life **CIS Program Category:** Bridge Assets

**Project Manager:** Bal, Harjit **IPD:**

**Mileposts:** N/A **Sponsor:** NJDOT

**Improvement Type:** Roadway Rehabilitation **Mapped: Y**  
This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
ERC	STBGP-FLEX	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	
<b>Total First Four Years:</b>				<b>4.000</b>	<b>Total Later Fiscal Years:</b>				<b>6.000</b>			

**DB# 15335 Sign Structure Replacement Contract 2016-3**

**AQCODE:** The project will replace 14 existing overhead sign structures on Routes 3, 7, 17, 46, and 280: Route 3: 0204-202 (WB MP 6.40) Route 7: 0909-202 (NB MP 1.43), 0910-200 (MP 1.52), 0910-201 (SB MP 1.58) Route 17: 0211-202 (MP 3.70), 0211-201 (MP 3.73), 0211-203 (MP 3.88), 0211-204 (MP 3.95), 0211-200 (MP 4.25), 0211-205 (MP 4.35), 0211-206 (MP 4.40) Route 46: 0222-201 (MP 71.37) Route 280: 0730-216 (MP 12.39), 0730-222 (MP 12.96) The project will also remove 1 Sign Structure on Route 7 at Northbound Milepost 1.58

**CMP:** Not SOV Capacity Adding

**Municipalities:** Planning Center: None

**CIS Program Subcategory:** Chivulescu, Nina **CIS Program Category:** Bridge Assets

**Project Manager:** Chivulescu, Nina **IPD:**

**Mileposts:** N/A **Sponsor:** NJDOT

**Improvement Type:** Streetscape **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON	NHPP		15.630								
<b>Fiscal Year Total</b>			<b>15.630</b>								
<b>Total First Four Years:</b>				<b>15.630</b>	<b>Total Later Fiscal Years:</b>						



# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X39 Signs Program, Statewide**

AQCODE: This program provides funding for the systematic upgrade of state highway signs, including refurbishing of deteriorated signs, installation of new signs, and improvement and updating of messages.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Quality of Life

CIS Program Category: Road Assets

Project Manager: Oza, Parth

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STATE	3.470	3.470	1.340	3.000	3.000	3.000	3.000	3.000	3.000	3.000
<b>Fiscal Year Total</b>	<b>3.470</b>	<b>3.470</b>	<b>1.340</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>
<b>Total First Four Years:</b>			<b>11.280</b>	<b>Total Later Fiscal Years:</b>			<b>18.000</b>			

**DB# 19600 Smart and Connect Corridors Program**

AQCODE: This program will provide funding for projects involving the deployment of communication devices and equipment at selected sections of corridors along the roadside and in vehicles enabling automatic transmission of safety messages; enabling the connectivity of vehicles to infrastructure and potential communication between vehicles.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Congestion Relief

Project Manager: Mirza, Wasif

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other  
This project contains ITS elements.

Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CON STATE	4.000	4.000		3.000	3.000	3.000	3.000	3.000	3.000	3.000
<b>Fiscal Year Total</b>	<b>4.000</b>	<b>4.000</b>		<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>
<b>Total First Four Years:</b>			<b>11.000</b>	<b>Total Later Fiscal Years:</b>			<b>18.000</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X160 Solid and Hazardous Waste Cleanup, Reduction and Disposal**

AQCODE:

This program will provide for the cleanup, reduction, and disposal of solid and hazardous waste materials from state highway system preservation operations and private disposal sites used during construction and subsequent maintenance of the transportation facility.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Support

CIS Program Category: Capital Program Delivery

Project Manager: Green, Elkins

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STATE	2.330	2.330	1.000	2.330	2.330	2.330	2.330	1.330	1.330	1.330
<b>Fiscal Year Total</b>		<b>2.330</b>	<b>2.330</b>	<b>1.000</b>	<b>2.330</b>	<b>2.330</b>	<b>2.330</b>	<b>2.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>
		<b>Total First Four Years: 7.990</b>				<b>Total Later Fiscal Years: 10.980</b>					

**DB# X10A Staff Augmentation**

AQCODE:

This program provides funds for engaging specialized consultant-staff to augment the New Jersey Department of Transportation's (NJDOT) permanent workforce. A hiring-freeze, which NJDOT was subject to for nearly a decade, has created a sizeable skills-void within the Department. To efficiently address the void, this program establishes an effective method of implementing key services, and provides flexibility in filling critical staff shortages, as necessary.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Capital Program Delivery

Project Manager: Vari, James

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STATE	10.500	10.500								
<b>Fiscal Year Total</b>		<b>10.500</b>	<b>10.500</b>								
		<b>Total First Four Years: 21.000</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X150 State Police Enforcement and Safety Services**

AQCODE: This program provides reimbursement for State Police services for enforcement and traffic control in construction work zones.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Bhavsar, Yogesh

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STATE	7.000	7.000	5.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000
<b>Fiscal Year Total</b>		<b>7.000</b>	<b>7.000</b>	<b>5.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>
<b>Total First Four Years:</b>				<b>26.000</b>	<b>Total Later Fiscal Years:</b>				<b>42.000</b>		

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 13308 Statewide Traffic Operations and Support Program**

AQCODE:

This comprehensive Statewide Traffic Operations and support strategies program focuses on reducing non-recurring delays due to incidents, work zones, weather emergencies, poor signal timings, special events, etc. The program includes a Statewide Traffic Management Center (STMC), a Traffic Operations Center South (TOCS), a Safety Service Patrol (SSP), a NJDOT/NJSP Traffic Incident Management (TIM) Unit and a Central Dispatch Unit (CDU). The 24/7 Statewide Traffic Management Center (STMC) serves three primary functions: (1) It is the Traffic Operations Center (TOC) for the northern half of the state, (2) It provides for evening/weekend/holiday operations coverage for the entire state and (3) NJDOT is co-located with the New Jersey State Police and the New Jersey Turnpike Authority at the STMC to provide for a coordinated approach to handling traffic operations statewide. The 16/5 Traffic Operations Center South (TOCS) is responsible for coverage for the southern half of the state and monitors the Route 29 tunnel. The STMC handles coverage for TOCS during week nights (after 8:30 pm) and on weekends and holidays. The Safety Service Patrol (SSP) is deployed on congested corridors statewide to rapidly detect and clear incidents by providing safety for first responders and motorists. SSP also provides emergency assistance to disabled motorists. The 24/7 Central Dispatch Unit (CDU) is NJDOT's Emergency Call Center. The Traffic Incident Management (TIM) program is aimed at reducing delays due to traffic incidents. It provides for: (1) equipment and training for NJDOT's Incident Management Response Team (IMRT); (2) training and outreach for county and local emergency responders on methods to reduce traffic delays caused by incidents; (3) developing, printing and distributing diversion route manuals; (4) developing partnerships and outreach with local and state law enforcement organizations; and (5) maintaining a State Police Traffic Incident Management Unit.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: Cowan, Salvatore IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements **Mapped: Y**  
 This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	NHPP	20.167	15.816	15.677	17.360	18.000	18.000	18.000	18.000	18.000	18.000
<b>Fiscal Year Total</b>		<b>20.167</b>	<b>15.816</b>	<b>15.677</b>	<b>17.360</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>	<b>18.000</b>
<b>Total First Four Years:</b>				<b>69.021</b>	<b>Total Later Fiscal Years:</b>						<b>108.000</b>

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 17353 Storm Water Asset Management**

AQCODE:

This program provides a means for the Department to maintain compliance with USEPA and NJDEP storm water management regulations as well as ensuring the state's infrastructure system is resilient under moderate to severe storm events. The Storm Water Asset Management plan will evaluate and prioritize needed repairs to storm water features to maintain the integrity of the storm water system. This program will assist the Department in meeting water quality objectives of the USEPA & NJDEP storm water regulations, and help minimize potential roadway flooding. The plan will involve identification of all storm water features/assets owned or operated by NJDOT, assessing conditions of these assets, developing plans for needed repairs to preserve the integrity of the assets, prioritizing and conducting required repairs, and inspecting efforts to ensure repairs are done per plan.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Road Assets

Project Manager: Yousef, Mohammad IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other **Mapped: Y**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STBGP-FLEX	2.000	3.515	3.484	3.858	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>3.515</b>	<b>3.484</b>	<b>3.858</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>
		<b>Total First Four Years: 12.857</b>				<b>Total Later Fiscal Years: 24.000</b>					

**DB# 14300 Title VI and Nondiscrimination Supporting Activities**

AQCODE:

This is a State funded program that will support the activities required to ensure nondiscrimination in the delivery of the NJDOT Capital Program and related projects. Activities include, but are not limited to informational training sessions, translation services and the development of informational material (e.g., pamphlets, brochures, training guides and letters) disseminated to the public and in languages other than English as necessary. This program will also support activities and initiatives in the stand-alone Title VI programs, such as DBE and Contractor Compliance

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Capital Program Delivery

Project Manager: Tilghman-Ansley, Vicki IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other **Mapped: Y**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STATE	0.175	0.175	0.180	0.175	0.175	0.175	0.175	0.175	0.175	0.175
<b>Fiscal Year Total</b>		<b>0.175</b>	<b>0.175</b>	<b>0.180</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>
		<b>Total First Four Years: 0.705</b>				<b>Total Later Fiscal Years: 1.050</b>					

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X66 Traffic Monitoring Systems**

AQCODE: X1

This program provides for the collection of essential traffic and roadway inventory data including traffic counts, vehicle classifications, truck weights, roadway video, automated mapping and various other geographical information system activities. Included in this item are the construction, reconstruction and restoration of Weigh-in-Motion and Traffic Volume Systems; and acquisition of equipment to upgrade and to replace equipment which has failed. Site selection is made in accordance with federal requirements for the Traffic Monitoring Guide and the NJDOT's Traffic Monitoring System implementation plan that has been approved by the Federal Highway Administration. Funding is used for professional services to carry out the short-term traffic monitoring program, updates of the Straight Line Diagrams, annual Highway Performance Monitoring System reporting; and local road inventory database updates; for construction services for a contractor to replace in-road traffic monitoring sensors; to continue Data Warehouse Maintenance activities; to initiate/update a Roadway Digital Imaging Program; to fund data sets preparation to operate Safety Analyst software.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Congestion Relief

Project Manager: Zajac, Krzysztof

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements

Mapped: Y

This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	NHPP			1.742								
PLS	NHPP	12.000	15.544	10.452	11.574	12.000	12.000	12.000	12.000	12.000	12.000	
EC	STATE	1.490	1.490	1.490	1.490	1.490	1.490	1.490	1.490	1.490	1.490	
<b>Fiscal Year Total</b>		<b>13.490</b>	<b>17.034</b>	<b>13.683</b>	<b>13.064</b>	<b>13.490</b>	<b>13.490</b>	<b>13.490</b>	<b>13.490</b>	<b>13.490</b>	<b>13.490</b>	
<b>Total First Four Years:</b>				<b>57.271</b>	<b>Total Later Fiscal Years:</b>				<b>80.940</b>			

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X47 Traffic Signal Replacement**

AQCODE: X1

This program provides funding for; purchase of materials, installation of new and upgraded traffic signals statewide, related improvements to the operation of signals. This program provides for the replacement of traffic signals on an annual basis, and assists regional operations in the rehabilitation and maintenance of the state's highway lighting system. It also includes the conversion to energy efficient LED indicators, and installation of generators to provide auxiliary power, which will enable traffic signals to function during times of extended power outages. Through the Traffic Signal Management System, which provides a condition rating of signal equipment integrated with crash data and Congestion Management System Data, this program (developed via consultant RFP, analyzing corridor segments and creating a safety ranking based on MUTCD compliance, pedestrian facilities, controller capabilities, method of detection, accessibility, and other factors) will prioritize signals for replacement based on the above factors. The results from establishing the priority locations will allow systematic replacement of aging signal equipment, optimization of the operation of signals, and promote maximum efficiency of intersections.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Safety CIS Program Category: Road Assets

Project Manager: Oza, Parth IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements **Mapped: Y**  
 This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STATE	8.893	9.113	5.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	
<b>Fiscal Year Total</b>		<b>8.893</b>	<b>9.113</b>	<b>5.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	
<b>Total First Four Years:</b>				<b>32.006</b>	<b>Total Later Fiscal Years:</b>					<b>54.000</b>		

**DB# X244 Training and Employee Development**

AQCODE: X1

This program provides for the assessment, planning, development and delivery of training and employee development programs inclusive of equipment, materials and software necessary to advance the skills and knowledge of Department employees to implement the Capital Program.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Capital Program Support CIS Program Category: Capital Program Delivery

Project Manager: Vannozi, Pat IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
EC	STBGP-FLEX	2.000	1.757	1.742	1.929	2.000	2.000	2.000	2.000	2.000	2.000	
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>1.757</b>	<b>1.742</b>	<b>1.929</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	
<b>Total First Four Years:</b>				<b>7.428</b>	<b>Total Later Fiscal Years:</b>					<b>12.000</b>		

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 01316      Transit Village Program**

AQCODE:

This program will provide dedicated funding to local governments that have been selected for inclusion in the Transit Village Program. Projects which may be funded under this program are bike paths, sidewalks, streetscaping, and signage.

CMP:                                      Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Broccoleri, Dave

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement

**Mapped: Y**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
<b>Total First Four Years:</b>				<b>4.000</b>	<b>Total Later Fiscal Years:</b>				<b>6.000</b>		





# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X126      Transportation Research Technology**

AQCODE: X1

This program provides funding for consultant and university research contracts to conduct multimodal transportation related research and knowledge and technology transfer activities on behalf of NJDOT, MVC and NJ Transit. A quick response Treasury selected research consultant as well as basic agreements with universities provides the mechanism to conduct research. Federal State Planning and Research, SPR, funds may be supplemented with state funds in order to meet federal matching requirements. Included in this line item are funds for American Association of State Highway Transportation Officials, (AASHTO), technical service programs and innovative products such as: Product Evaluation Listing; Technology Implementation Group; Technical Assistance for Climate Change, Material Standards, and Materials Reference Laboratory; SHRP product implementation.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Capital Program Delivery      CIS Program Category: Capital Program Delivery

Project Manager: Gendek, Amanda      IPD:

Mileposts: N/A      Sponsor: NJDOT

Improvement Type: Other      **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STATE	1.100	1.200	1.700	1.200	1.200	1.200	1.200	1.200	1.200	1.200
<b>Fiscal Year Total</b>		<b>1.100</b>	<b>1.200</b>	<b>1.700</b>	<b>1.200</b>	<b>1.200</b>	<b>1.200</b>	<b>1.200</b>	<b>1.200</b>	<b>1.200</b>	<b>1.200</b>
<b>Total First Four Years:</b>				<b>5.200</b>	<b>Total Later Fiscal Years:</b>				<b>7.200</b>		

**DB# X11      Unanticipated Design, Right of Way and Construction Expenses, State**

AQCODE:

This program provides funding for unanticipated project needs, contract change orders, consultant agreement modifications, utility readjustments, elements of federal-aid projects for which federal funding is not available under federal regulations, court-ordered condemnation awards, acceleration of federal-aid projects through multi-year funding agreements with Federal Highway Administration settlement of project accounting discrepancies with Federal Highway Administration, and minor work identified during the year.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Capital Program Delivery      CIS Program Category: Capital Program Delivery

Project Manager: Vari, James      IPD:

Mileposts: N/A      Sponsor: NJDOT

Improvement Type: Other      **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
ERC	STATE	36.473	30.000	7.550	45.000	45.000	45.000	44.908	45.859	45.806	47.251
<b>Fiscal Year Total</b>		<b>36.473</b>	<b>30.000</b>	<b>7.550</b>	<b>45.000</b>	<b>45.000</b>	<b>45.000</b>	<b>44.908</b>	<b>45.859</b>	<b>45.806</b>	<b>47.251</b>
<b>Total First Four Years:</b>				<b>119.023</b>	<b>Total Later Fiscal Years:</b>				<b>273.824</b>		

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# 15344 Utility Pole Mitigation**

AQCODE: This project seeks to identify and mitigate locations with incidents of high recurring utility pole accidents. The mitigation project is limited in scope and resources and encompasses 3 to 5 crash locations per year.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Capital Program Delivery

Project Manager: Shah, Dinesh

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	HSIP	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175
<b>Fiscal Year Total</b>		<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>
<b>Total First Four Years:</b>				<b>0.700</b>	<b>Total Later Fiscal Years:</b>				<b>1.050</b>		

**DB# X182 Utility Reconnaissance and Relocation**

AQCODE: This program reimburses utility companies for design and construction costs incurred when the utility companies are required to relocate facilities due to a transportation improvement project. This program also funds subsurface testing as a mitigation measure to accurately locate and identify underground utilities to moderate or lessen the impact with utility locations during the design and construction phases of a transportation improvement project.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Road Assets

Project Manager: Martorana, Vince

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC	STATE	2.500	2.500	1.250	2.500	2.500	2.500	2.500	2.500	2.500	2.500
<b>Fiscal Year Total</b>		<b>2.500</b>	<b>2.500</b>	<b>1.250</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>
<b>Total First Four Years:</b>				<b>8.750</b>	<b>Total Later Fiscal Years:</b>				<b>15.000</b>		

# DVRPC FY2022 TIP for New Jersey

## Statewide Program

Final Version

### Various

**DB# X199 Youth Employment and TRAC Programs**

AQCODE: X1

This is a federal grant program that provides employment and training opportunities to at-risk youths in NJ, especially those in urban areas, during annual implementation of the NJDOT Urban Youth Corps Program. This grant also provides funding to support the TRAC Program, which links school systems to the NJDOT by having department engineers volunteer as mentors to introduce students to careers in civil engineering.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Support

CIS Program Category: Capital Program Delivery

Project Manager: Section, Chrystal

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
EC STBGP-FLEX	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350
<b>Fiscal Year Total</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>
<b>Total First Four Years:</b>				<b>1.400</b>	<b>Total Later Fiscal Years:</b>				<b>2.100</b>	

**Total for Various:**

1,188.268	1,335.799	634.409	1,240.054	1,369.318	,360.136	1,321.656	1,311.240	,319.211	1,311.597	
<b>Total First Four Years:</b>				<b>4,398.531</b>	<b>Total Later Fiscal Years:</b>				<b>7,993.160</b>	



## 8.5 Study and Development Projects



# DVRPC FY2022 TIP for New Jersey

## Study and Development Program

Final Version

### Burlington

**DB# 17411 CR 545 (Farnsworth Avenue), Bridge over Robbinsville Secondary Branch (Conrail) MRPID: 316**

**AQCODE:** Initiated from the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built around 1830.

**CMP:** Not SOV Capacity Adding Adding Subcorr(s): 1A, 6C  
**Municipalities:** Bordentown City Planning Center: None  
**CIS Program Subcategory:** CIS Program Category: Bridge Assets  
**Project Manager:** Marcellus, Evens IPD:  
**Mileposts:** 14.7 Sponsor: NJDOT  
**Improvement Type:** Bridge Repair/Replacement **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CD	N/A	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
<b>Total First Four Years:</b>				<b>0.000</b>	<b>Total Later Fiscal Years:</b>						

**DB# D2201 CR 614 (Tom Brown Road), CR 603 (Riverton Road) and New Albany Road Intersection Improvement NEW**

**AQCODE:** NRS The study will be conducted as part of DVRPC's Local Concept Development Program in order to explore ways to improve safety and efficiency of three intersections of CR 614 (Tom Brown Road), CR 603 (Riverton Road) and New Albany Road, in Moorestown Township that form a three-intersection triangle. Two intersections have a skewed alignment and substandard sight distance. The intersection of CR 614 (Tom Brown Road) and New Albany Road is a 4-way stop and has previously been identified by DVRPC as a high crash location in the Highway Safety Improvement Program (HSIP) eligibility rankings (2018). The LCD study shall focus on developing a concept for improving the safety and efficiency of the three intersections for motorists, bicyclists and pedestrians. The concept/location of modern roundabout(s) shall be included in the study.

**CMP:**  
**Municipalities:** Moorestown Township Planning Center: None  
**CIS Program Subcategory:** CIS Program Category:  
**Project Manager:** Coscia Jr., John IPD:  
**Mileposts:** Sponsor: Burlington County  
**Improvement Type:** Intersection/Interchange Improvements **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
LCD	STBGP-PHILA	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
<b>Total First Four Years:</b>				<b>0.000</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## Study and Development Program

Final Version

### Burlington

**DB# D2202 CR 616 (Mill Street) Bridge over South Branch Rancocas Creek Rehabilitation/Replacement**

AQCODE:

The study will be conducted as part of DVRPC's Local Concept Development Program in order to improve the existing bridge in its entirety. The bridge is a concrete encased, single span (36 feet) steel stringer bridge with a reinforced concrete deck. It carries CR 616 over the creek with 2 lanes of opposing traffic and 6' sidewalks on each side of the road. The out to out width of the bridge is 44.4 feet. The bridge was built circa 1918 and is located in the Vincentown Historic District. The bridge is not historically eligible but is considered a contributing element of the historic district, which has a period of significance ending circa 1930 (source: NJDOT Historic Bridge Survey). The bridge is functionally obsolete due to its existing curb to curb width of 29.8 feet and is scour critical. The structure is in fair condition with localized areas of deterioration and section loss in the deck, superstructure and substructure. It was submerged during the July 2004 and April 2007 flood events and sustained damage. The structure has a sufficiency rating of 66.5.

**CMP:**

Municipalities:	Southampton Township	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Coscia Jr., John	IPD:	
Mileposts:		Sponsor:	Burlington County
Improvement Type:	Bridge Repair/Replacement	<b>Mapped: Y</b>	

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
LCD	STBGP-PHILA	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years: 0.000</b>				<b>Total Later Fiscal Years:</b>					

**DB# 18383 Route 73, Granite Avenue to Route 41 NEW**

AQCODE: NRS

This project will address improvement of safety, security, mobility, accessibility, and reliability at Route 73, Granite Avenue to Route 41

**CMP:**

Municipalities:	Mount Laurel Township; Maple Shade Township	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	Safety Management
Project Manager:	Colquitt, Willie	IPD:	
Mileposts:	27.86-28.80	Sponsor:	NJDOT
Improvement Type:	Bicycle/Pedestrian Improvement	<b>Mapped: Y</b>	

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CD	N/A	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years: 0.000</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## Study and Development Program

Final Version

### Burlington

**DB# 18378**      **Route 130 SB, Bridge over Assiscunk Creek** **NEW**

**AQCODE:**    NRS      Initiated from the Bridge Management System, this project will replace or rehabilitate the structurally deficient bridge.

**CMP:**

<b>Municipalities:</b>	Burlington City	Planning Center: None	
<b>CIS Program Subcategory:</b>		CIS Program Category: Bridge Assets	
<b>Project Manager:</b>	Ezeuka, Paul	IPD:	
<b>Mileposts:</b>	46.65	Sponsor: NJDOT	
<b>Improvement Type:</b>	Bridge Repair/Replacement		<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CD	N/A	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years: 0.000</b>				<b>Total Later Fiscal Years:</b>					

**DB# 20337**      **Route 130, CR 543 (Beverly Road) to Lagorce Blvd** **NEW**

**AQCODE:**    NRS      Improvement of safety, security, mobility,accessibility and reliability and respect the enviornment needed at Route130, CR 543 (Beverly Road) to Lagorce Blvd.Safety concerns

**CMP:**

<b>Municipalities:</b>		Planning Center: None	
<b>CIS Program Subcategory:</b>		CIS Program Category: Safety Management	
<b>Project Manager:</b>	Rauzino, David	IPD:	
<b>Mileposts:</b>	45.25 - 47.55	Sponsor: NJDOT	
<b>Improvement Type:</b>			<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CD	N/A	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years: 0.000</b>				<b>Total Later Fiscal Years:</b>					



# DVRPC FY2022 TIP for New Jersey

## Study and Development Program

Final Version

### Burlington

**DB# 18326**      **Route 130, Delaware Avenue/Florence-Columbus Road (CR 656)**

**AQCODE:**      This study will examine improvements, congestion and safety concerns at the intersection.

<b>CMP:</b>	Minor SOV Capacity	Adding Subcorr(s): 1A, 6B
<b>Municipalities:</b>	Florence Township	Planning Center: None
<b>CIS Program Subcategory:</b>		CIS Program Category: Congestion Relief
<b>Project Manager:</b>	Maevsky, Andrew	IPD:
<b>Mileposts:</b>	50.80-50.85	Sponsor: NJDOT

**Improvement Type:**      **Mapped: Y**

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CD	N/A	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years: 0.000</b>				<b>Total Later Fiscal Years:</b>					

**DB# 16335**      **Route 206, Bridge over Springers Brook**

**AQCODE:**      S19      Initiated from the Bridge Management System, this project will replace the structurally deficient bridge, built in 1929.

<b>CMP:</b>	Not SOV Capacity Adding	
<b>Municipalities:</b>	Shamong Township	Planning Center: None
<b>CIS Program Subcategory:</b>		CIS Program Category: Bridge Assets
<b>Project Manager:</b>	Upadhyay, Arpita	IPD:
<b>Mileposts:</b>	10.13	Sponsor: NJDOT

**Improvement Type:**      Bridge Repair/Replacement      **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CD	N/A	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years: 0.000</b>				<b>Total Later Fiscal Years:</b>					

**Total for Burlington:**

	0.000	
	<b>Total First Four Years: 0.000</b>	<b>Total Later Fiscal Years:</b>

# DVRPC FY2022 TIP for New Jersey

## Study and Development Program

Final Version

### Camden

**DB# D2203 CR 551 (Broadway) Elevation, Little Timber Creek to Route 130** *NEW*

AQCODE: NRS The study will be conducted as part of DVRPC's Local Concept Development Program in order to explore ways to reduce flooding and provide safe user access during rain events on CR 551.

CMP:

Municipalities:	Brooklawn Borough	Planning Center: None	
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Coscia Jr., John	IPD:	
Mileposts:		Sponsor: Camden County	
Improvement Type:	Roadway Rehabilitation	<b>Mapped: Y</b>	

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
LCD	STBGP-PHILA	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years:</b>			<b>0.000</b>	<b>Total Later Fiscal Years:</b>					

**DB# D2213 CR 670 (Burnt Mill Rd) and CR 673 (White Horse Rd) Intersection Improvements** *NEW*

AQCODE: NRS This study will explore alternatives to redesign the intersection in a safe and usable manner that will integrate all modes of travel. It is a high crash area and ranks top 2 in Camden County and top 5 in the region on the NJ HSIP eligibility list. The intersection has frequent left turns and a lane configuration that is in need of updating.

CMP:

Municipalities:	Voorhees Township	Planning Center: None	
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Hui, Kwan	IPD:	
Mileposts:		Sponsor: Camden County	
Improvement Type:	Intersection/Interchange Improvements	<b>Mapped: Y</b>	

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
LCD	STBGP-PHILA	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years:</b>			<b>0.000</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2022 TIP for New Jersey

## Study and Development Program

Final Version

### Camden

**DB# D2204 Erial Rd and College Drive Intersection** **NEW**

**AQCODE:** NRS

The study will be conducted as part of DVRPC's Local Concept Development Program in order to explore ways to improve the intersection in a safe and useable manor that will integrate all modes of travel. This intersection is a high crash area, is large, and has a sight issue due to the elevation of the approaches not being consistent.

**CMP:**

Municipalities:	Gloucester Township	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Coscia Jr., John	IPD:	
Mileposts:		Sponsor:	Camden County
Improvement Type:	Intersection/Interchange Improvements	<b>Mapped: Y</b>	

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
LCD	STBGP-PHILA	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years:</b>	<b>0.000</b>		<b>Total Later Fiscal Years:</b>						

**DB# X227A2 Route 168, I-295 Interchange Improvements** **MRPID: 318 NEW**

**AQCODE:** NRS

This project will address alternatives to improve traffic safety and congestion on Route 295 and Route 168 in the vicinity of the interchange.

**CMP:**

Municipalities:	Haddon Heights Borough; Mount Ephraim Borough	Adding Subcorr(s):	2B
CIS Program Subcategory:	Safety	Planning Center:	None
Project Manager:	Rauzino, David	CIS Program Category:	Safety Management
Mileposts:	7.17 - 7.73	IPD:	
Improvement Type:	Intersection/Interchange Improvements	Sponsor:	NJDOT
			<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CD	N/A	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years:</b>	<b>0.000</b>		<b>Total Later Fiscal Years:</b>						

**Total for Camden:**

	0.000									
	<b>Total First Four Years:</b>	<b>0.000</b>		<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## Study and Development Program

Final Version

### Gloucester

**DB# D2214 Floodgate Road, Bridge over Reapaupo Creek (Bridge 3-D-1)**

AQCODE: SDN

This Local Concept Development study from the DVRPC FY2023 UPWP aims to identify and select a preliminary preferred alternative that will improve the Floodgate Road Bridge over Reapaupo Creek and remove any substantial deficiencies including any functional obsolete rating. The bridge is the only means of access to the Delaware River levee system, floodgates and storm water pumping station which protect the Gibbstown section of Greenwich Township. The current weight restriction on the bridge limits the ability to utilize heavy machinery and delivery of materials to this vital protection system for a large portion of Greenwich Township and is needed for emergency management measures. Additionally, there is a park and a small community on the one side of the bridge without alternative access that relies on the bridge. The small community of under a dozen homes has no sewer service and requires septic pumping on a regular basis; however, the current weight restriction limits the ability to utilize standard septic disposal trucks, as well as standard heating oil delivery trucks to service this community. The bridge sufficiency rating is 40.6.

CMP:

Municipalities:	Logan Township; Greenwich Township	Planning Center: None	
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Coscia, John	IPD:	
Mileposts:		Sponsor: Gloucester County	Mapped: Y
Improvement Type:	Bridge Repair/Replacement		

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
LCD	STBGP-PHILA	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years:</b>	<b>0.000</b>		<b>Total Later Fiscal Years:</b>						

**DB# 19312 Route 45, Bridge over Branch of Mantua Creek**

NEW

AQCODE: NRS

Initiated from the Bridge Management System, this project will replace the structurally deficient bridge.

CMP:

Municipalities:	Mantua Township	Planning Center: None	
CIS Program Subcategory:		CIS Program Category: Bridge Assets	
Project Manager:	Kennard, Amy	IPD:	
Mileposts:	22.27-22.27	Sponsor: NJDOT	Mapped: Y
Improvement Type:	Bridge Repair/Replacement		

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)				
		2022	2023	2024	2025	2026	2027	2028	2029	2030
CD	N/A	0.000								
<b>Fiscal Year Total</b>		<b>0.000</b>								
		<b>Total First Four Years:</b>	<b>0.000</b>		<b>Total Later Fiscal Years:</b>					

**Total for Gloucester:**

	0.000	
	<b>Total First Four Years:</b>	<b>0.000</b>
	<b>Total Later Fiscal Years:</b>	

# DVRPC FY2022 TIP for New Jersey

## Study and Development Program

Final Version

### Mercer

<b>DB# 18350</b>	<b>Clarksville Road (CR 638), Bridge over Amtrak</b>	<b>MRPID: 206</b>
<b>AQCODE:</b>	Initiated from the Bridge Management System, this project will replace the structurally deficient bridge.	
<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 4B
<b>Municipalities:</b>	West Windsor Township	Planning Center: None
<b>CIS Program Subcategory:</b>		CIS Program Category: Bridge Assets
<b>Project Manager:</b>	Colquitt, Willie	IPD:
<b>Mileposts:</b>	2.33	Sponsor: NJDOT
<b>Improvement Type:</b>		<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CD	N/A	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years:</b>	<b>0.000</b>		<b>Total Later Fiscal Years:</b>						

<b>DB# 15301</b>	<b>Route 206, Hilltop Drive</b>	
<b>AQCODE:</b>	Initiated from the Drainage Management System, this study will explore drainage improvements within the project limits.	
<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 4F
<b>Municipalities:</b>	Princeton Borough	Planning Center: None
<b>CIS Program Subcategory:</b>		CIS Program Category: Road Assets
<b>Project Manager:</b>	Colquitt, Willie	IPD:
<b>Mileposts:</b>	55.7	Sponsor: NJDOT
<b>Improvement Type:</b>		<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CD	N/A	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years:</b>	<b>0.000</b>		<b>Total Later Fiscal Years:</b>						

# DVRPC FY2022 TIP for New Jersey

## Study and Development Program

Final Version

### Mercer

**DB# 18353**      **Route 295, Sloan Avenue (CR 649) to CR 583 (Princeton Pike)**      **MRPID: 320**

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

**CMP:**      Major SOV Capacity      Adding Subcorr(s): 4B

**Municipalities:**      Lawrence Township; Hamilton Township      Planning Center: None

**CIS Program Subcategory:**      CIS Program Category: Congestion Relief

**Project Manager:**      Marcellus, Evans      IPD:

**Mileposts:**      65.41-68.44      Sponsor: NJDOT

**Improvement Type:**      **Mapped: Y**  
     This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
CD	N/A	0.000									
<b>Fiscal Year Total</b>		<b>0.000</b>									
		<b>Total First Four Years:</b>			<b>0.000</b>	<b>Total Later Fiscal Years:</b>					

**Total for Mercer:**

	0.000				
	<b>Total First Four Years:</b>	<b>0.000</b>	<b>Total Later Fiscal Years:</b>		