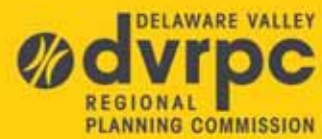




CHAPTER 8:  
**PROJECT LISTINGS  
BY PROGRAM**





## 8.1 DVRPC Regional Highway Projects



# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

#### DB# D1510 Burlington County Bus Purchase

RETURN

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: Magri, Anna

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	CMAQ			0.476		0.476		0.476		0.476	
<b>Fiscal Year Total</b>				<b>0.476</b>		<b>0.476</b>		<b>0.476</b>		<b>0.476</b>	
		<b>Total First Four Years: 0.476</b>				<b>Total Later Fiscal Years: 1.428</b>					

#### 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: Darji, Vijesh

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-PHILA	0.800		0.800		1.000		1.000		1.000	
<b>Fiscal Year Total</b>		<b>0.800</b>		<b>0.800</b>		<b>1.000</b>		<b>1.000</b>		<b>1.000</b>	
		<b>Total First Four Years: 1.600</b>				<b>Total Later Fiscal Years: 3.000</b>					

# DVRPC FY2020 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)

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	14-STATE-DVRPC	0.000	0.000	0.138							
CON	15-STATE-DVRPC	0.000	0.000	0.872							
CON	16-STATE-DVRPC	0.000	0.000	0.266							
CON	17-STATE-DVRPC	0.000	0.000	0.424							
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.000</b>	<b>1.700</b>							
		<b>Total First Four Years:</b>			<b>1.700</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

**DB# 15353**      **Route 38 and Lenola Road (CR 608)**

**AQCODE:** X1      Initiated from the Congestion Management System, this study will examine ways to improve the intersection.

<b>CMP:</b>	Minor SOV Capacity	Adding Subcorr(s): 10A
<b>Municipalities:</b>	Moorestown Township	Planning Center: Metropolitan Subcenter
<b>CIS Program Subcategory:</b>		CIS Program Category: Congestion Relief
<b>Project Manager:</b>	Colquitt, Willie	IPD:
<b>Mileposts:</b>	6.12	Sponsor: NJDOT
<b>Improvement Type:</b>	Intersection/Interchange Improvements This project may be suitable for ITS treatments.	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP					1.000					
DES	NHPP				1.500						
CON	NHPP								9.000		
<b>Fiscal Year Total</b>					<b>1.500</b>	<b>1.000</b>			<b>9.000</b>		
		<b>Total First Four Years: 1.500</b>				<b>Total Later Fiscal Years: 10.000</b>					

**DB# 15385**      **Route 38, Nixon Drive to Pemberton Road**

*NEW*

**AQCODE:** S10      Initiated from the Pavement Management System, this project will resurface within the project limits.

<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 2C
<b>Municipalities:</b>	Moorestown Township; Mount Laurel Township; Lumberton Township; Mount Holly Township	Planning Center: None
<b>CIS Program Subcategory:</b>		CIS Program Category: Road Assets
<b>Project Manager:</b>	Campi, John	IPD:
<b>Mileposts:</b>	6.55-9.56	Sponsor: NJDOT
<b>Improvement Type:</b>	Roadway Rehabilitation	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP					6.603					
<b>Fiscal Year Total</b>						<b>6.603</b>					
		<b>Total First Four Years:</b>				<b>Total Later Fiscal Years: 6.603</b>					

# DVRPC FY2020 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	<b>Mapped: Y</b>
	This project may be suitable for ITS treatments.	

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP					16.270					
<b>Fiscal Year Total</b>						<b>16.270</b>					
<b>Total First Four Years:</b>						<b>Total Later Fiscal Years:</b>			<b>16.270</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	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP					6.700					
ROW	NHPP				0.200						
DES	STATE		0.890								
<b>Fiscal Year Total</b>			<b>0.890</b>		<b>0.200</b>	<b>6.700</b>					
<b>Total First Four Years:</b>					<b>Total Later Fiscal Years:</b>		<b>6.700</b>				

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

DB# 12380      **Route 73, Church Road (CR 616) and Fellowship Road (CR 673)**      LRPID: 210      NEW-G

#### Intersections

AQCODE:	2035M	This study will examine alternatives that will improve operational and safety conditions within the Route 73 corridor. A focus will be placed on improvements at the intersections of Route 73/Church Road and Rt 73/Fellowship Road.	
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	<b>Mapped: Y</b>	
	This project may be suitable for ITS treatments.		

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP					17.800					
CON	NHPP							33.200	33.000		
<b>Fiscal Year Total</b>						<b>17.800</b>		<b>33.200</b>	<b>33.000</b>		
<b>Total First Four Years:</b>					<b>Total Later Fiscal Years:</b>				<b>84.000</b>		

DB# 13319      **Route 73, CR 544 (Evesham Rd/Marlton Parkway)**      LRPID: 209      NEW-G

AQCODE:	2035M	This study will examine improvement alternatives to the intersection of Route 73 and Evesham Road. Numerous problems associated with capacity, operations and safety have been reported in the area.	
CMP:	Major SOV Capacity	Adding Subcorr(s): 13A	
Municipalities:	Evesham Township	Planning Center: Metropolitan Subcenter	
CIS Program Subcategory:		CIS Program Category: Congestion Relief	
Project Manager:	Kennard, Amy	IPD:	
Mileposts:	22.75 - 22.85	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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP					3.530					
CON	NHPP									14.288	
DES	STATE			2.500							
<b>Fiscal Year Total</b>				<b>2.500</b>		<b>3.530</b>				<b>14.288</b>	
<b>Total First Four Years:</b>				<b>2.500</b>	<b>Total Later Fiscal Years:</b>				<b>17.818</b>		

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

#### DB# 12415 Route 130, Charleston Road/Cooper Street (CR 630) to Crafts Creek

AQCODE: 2025M

Initiated from the Pavement Management System, this is a roadway resurfacing project that will extend the useful life of Route 130, as well as improve reliability and safety. Elements include some new sidewalk, new traffic signals, and various improvements to bring intersections into ADA compliance (e.g ADA-compliant ramps, pedestrian pushbuttons, countdown signal heads). The project will also include the upgrade of five intersection along Route 130 at Cooper Street/Charleston Road, Levitt Parkway (CR 629)/Woodlane Road, and along Route 130 southbound at Wood Street, High Street, and East Federal Street/Jacksonville Road; construction of a new Route 130 northbound left-turn lane at McNeil Street; two overhead sign structures; incorporating Intelligent Transportation Systems (ITS) and installation of fiber optic cable within project limits, mid-block detectors, providing traffic adaptive signals connecting to Cherry Hill Traffic Operations Center (TOC South), and video image detection on all approaches.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 6B, 6D, 6E  
 Municipalities: Willingboro Township; Burlington Township; Burlington City; Florence Township Planning Center: Town Center  
 CIS Program Subcategory: CIS Program Category: Road Assets  
 Project Manager: Maevsky, Andrew IPD:  
 Mileposts: NB 43.01-46.73 & 47.38-51.59; SB 47.38-51.59 Sponsor: NJDOT  
 Improvement Type: Roadway Rehabilitation Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	28.136									
<b>Fiscal Year Total</b>		<b>28.136</b>									
		<b>Total First Four Years: 28.136</b>				<b>Total Later Fiscal Years:</b>					

#### 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP			3.000							
<b>Fiscal Year Total</b>				<b>3.000</b>							
		<b>Total First Four Years: 3.000</b>				<b>Total Later Fiscal Years:</b>					



# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

**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.

<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 6B
<b>Municipalities:</b>	Bordentown Township	Planning Center: Town Center
<b>CIS Program Subcategory:</b>		CIS Program Category: Multimodal Programs
<b>Project Manager:</b>	Colquitt, Willie	IPD:
<b>Mileposts:</b>	35.61-36.76; 55.97-56.44	Sponsor: NJDOT
<b>Improvement Type:</b>	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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	NHPP	2.700									
CON	NHPP				2.200						
ROW	STATE			0.350							
<b>Fiscal Year Total</b>		<b>2.700</b>		<b>0.350</b>	<b>2.200</b>						
<b>Total First Four Years:</b>				<b>5.250</b>	<b>Total Later Fiscal Years:</b>						

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

**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.

<b>CMP:</b>	Minor SOV Capacity	Planning Center: None
<b>Municipalities:</b>	Springfield Township	CIS Program Category: Congestion Relief
<b>CIS Program Subcategory:</b>	Congestion Relief	IPD:
<b>Project Manager:</b>	Marcellus, Evens	Sponsor: NJDOT
<b>Mileposts:</b>	26.37 - 27.33	
<b>Improvement Type:</b>	Intersection/Interchange Improvements This project may be suitable for ITS treatments.	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP	2.500									
CON	NHPP			4.200							
<b>Fiscal Year Total</b>		<b>2.500</b>		<b>4.200</b>							
<b>Total First Four Years:</b>				<b>6.700</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Burlington

#### DB# D2012 Traffic Signal Adaptive/Vehicle Detection Upgrade

AQCODE: 2025M

This project will upgrade/retrofit existing traffic signal operations at intersections with new cameras to support adaptive traffic signal control and upgraded vehicle detection to improve traffic flow on CR 537, CR 607, and CR 673. Besides providing vehicle detection, the new cameras will provide a continuous archive of vehicle turning movement counts to support TSMO goals and objectives

CMP: Not SOV Capacity Adding Adding Subcorr(s): 10B, 13A  
 Municipalities: Various Planning Center: None  
 CIS Program Subcategory: CIS Program Category:  
 Project Manager: Shah, Alka IPD:  
 Mileposts: Sponsor: Burlington County  
 Improvement Type: Signal/ITS Improvements **Local Project: Y** **Mapped: Y**  
 This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-PHILA		3.800								
<b>Fiscal Year Total</b>			<b>3.800</b>								
		<b>Total First Four Years: 3.800</b>				<b>Total Later Fiscal Years:</b>					

#### DB# D1905 Traffic Signal and ATMS Replacement and Upgrade Project

AQCODE: NRS

The project will provide for the replacement and/or upgrade of existing traffic signal controllers (hardware and software) and Traffic Operations Center (TOC) workstations, software, and/or monitors to enable traffic adaptive operations on the county's Advanced Traffic Management System (ATMS).

CMP: Not SOV Capacity Adding  
 Municipalities: Various Planning Center: None  
 CIS Program Subcategory: CIS Program Category:  
 Project Manager: Darji, Vijesh IPD:  
 Mileposts: Sponsor: Burlington County  
 Improvement Type: Signal/ITS Improvements **Local Project: Y** **Mapped: Y**  
 This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-PHILA	2.000									
<b>Fiscal Year Total</b>		<b>2.000</b>									
		<b>Total First Four Years: 2.000</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STBGP-OS-BRDG	0.000	1.250								
ROW	STBGP-OS-BRDG		0.100								
CON	STBGP-OS-BRDG			2.850							
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>1.350</b>	<b>2.850</b>							
<b>Total First Four Years:</b>				<b>4.200</b>	<b>Total Later Fiscal Years:</b>						

**Total for Burlington:**

<b>36.136</b>	<b>6.040</b>	<b>14.176</b>	<b>3.900</b>	<b>49.849</b>	<b>3.530</b>	<b>34.676</b>	<b>42.000</b>	<b>15.764</b>	
<b>Total First Four Years:</b>				<b>60.252</b>	<b>Total Later Fiscal Years:</b>				<b>145.819</b>

# DVRPC FY2020 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 the remaining 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. The project is a breakout of an existing State-DVRPC funded project, ADA Improvements (DB #D1505).

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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-PHILA		3.750								
<b>Fiscal Year Total</b>			<b>3.750</b>								
		<b>Total First Four Years: 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: Not SOV Capacity Adding   
 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	STBGP-FLEX		5.700								
CON	STBGP-FLEX				7.900						
<b>Fiscal Year Total</b>			<b>5.700</b>		<b>7.900</b>						
		<b>Total First Four Years: 13.600</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

#### DB# DR2009 Benjamin Franklin Bridge Deck Overlay and Approaches

AQCODE: S10

This project will resurface Lanes 1, 2, 6, and 7 across the Ben Franklin Bridge and its approaches. This project will also include signing and pavement marking improvements on the Pennsylvania approach to increase the safety and connectivity of vehicular, pedestrian, and bicycle facilities.

CMP:

Municipalities:	Camden City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Klawunn, Elisabeth	IPD:	
Mileposts:		Sponsor:	DRPA
Improvement Type:		Local Project:	Y
		Mapped:	Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	HWYINF		3.000								
<b>Fiscal Year Total</b>			<b>3.000</b>								
		<b>Total First Four Years:</b>			<b>3.000</b>	<b>Total Later Fiscal Years:</b>					

#### 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 the 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.

FY20: The SJTA in Camden County requested 7 total vehicles (6 medium duty cutaway standard floor with 22-24 passenger seats and 2 securement locations, and 1 extended cutaway standard floor vehicle for 14-16 passengers), plus additional features such as bike racks, destination sign, and fareboxes totaling \$1.015 million CMAQ (which includes NJ TRANSIT's administration fee) to be flexed to NJ TRANSIT DB #T120.

CMP:

Municipalities:	Various	Planning Center:	None
CIS Program Subcategory:	Local Aid	CIS Program Category:	Local System Support
Project Manager:	Magri, Anna	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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	CMAQ	0.000		0.924		0.924		0.924		0.924	
<b>Fiscal Year Total</b>		<b>0.000</b>		<b>0.924</b>		<b>0.924</b>		<b>0.924</b>		<b>0.924</b>	
		<b>Total First Four Years:</b>			<b>0.924</b>	<b>Total Later Fiscal Years:</b>					
						<b>2.772</b>					

# DVRPC FY2020 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-PHILA	0.200	0.600	0.300	0.600	0.300	0.700	0.300	0.700	0.300	0.700
<b>Fiscal Year Total</b>		<b>0.200</b>	<b>0.600</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>Total First Four Years:</b>				<b>1.700</b>	<b>Total Later Fiscal Years:</b>				<b>3.000</b>		

#### DB# D2011 CR 615 (Union Avenue), CR 621 (Park Avenue) to CR 537 (Maple Avenue)

AQCODE: S10

The project will mill and overlay the road surface and replace concrete curb and driveway aprons, ADA improvements, stormwater upgrades, striping and raised pavement marking, where needed.

CMP:

Municipalities: Pennsauken Township Planning Center: None  
 CIS Program Subcategory: CIS Program Category:  
 Project Manager: IPD:  
 Mileposts: Sponsor: Camden County  
 Improvement Type: Roadway Rehabilitation **Local Project: Y** **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-PHILA		1.651								
<b>Fiscal Year Total</b>			<b>1.651</b>								
<b>Total First Four Years:</b>				<b>1.651</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

**DB# D2013 CR 616 (Church Rd), Vicinity of NJ 38 to Camden County Line**

AQCODE: S10

Improvements will involve roadway milling, overlay and base repairs; upgrades to handicap ramps and storm sewer improvements; and the construction of curb, guiderail improvements and striping, signage and raised pavement markings. Local municipal funds will be used to install all sidewalks within the project limits under a local shared services agreement. CR 616 is heavily traveled and links NJ 38 and NJ 41.

CMP:	Minor SOV Capacity	Adding Subcorr(s): 10A
Municipalities:	Cherry Hill Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category:
Project Manager:	Coe, Lauren	IPD:
Mileposts:		Sponsor: Camden 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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON STBGP-PHILA		5.186								
<b>Fiscal Year Total</b>		<b>5.186</b>								
<b>Total First Four Years:</b>				<b>5.186</b>	<b>Total Later Fiscal Years:</b>					

**DB# D2001 East Taunton Rd, Tansboro Rd to Rt 30 (White Horse Pike)**

AQCODE: S10

Roadway improvements will occur within the linear corridor (west edge of pavement curb to east edge of pavement) of East Taunton Road, between US Route 30 (White Horse Pike) to the north, and Tansboro Road (CR 561) to the south. The grass median between the travel lanes will remain. At the northern end, the project will start at the pavement seam across East Taunton Road (CR 536), approximately 50 feet south of the US Route 30 ramps. At the south end, the project will terminate at the concrete pavement seam along Tansboro Road (CR 561) at its intersection with CR 536 Spur. There will be no traffic signal upgrades or pedestrian accommodations improvements at the intersection of Tansboro Road (CR 561) and CR 536S since these improvements were completed recently under a County project for Tansboro Road.

CMP:	Winslow Township; Berlin Borough; Waterford Township	Planning Center: None
Municipalities:		CIS Program Category:
CIS Program Subcategory:		IPD:
Project Manager:		Sponsor: Camden County
Mileposts:	6.76 - 7.57	<b>Local Project: Y</b> <b>Mapped: Y</b>
Improvement Type:	Roadway Rehabilitation	

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON STBGP-PHILA	3.430									
<b>Fiscal Year Total</b>	<b>3.430</b>									
<b>Total First Four Years:</b>				<b>3.430</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

DB# D1807

#### Federal and Market Street Feeder Road Improvements

NEW-M

AQCODE: R1

This project provides operational improvements to Federal Street (County Route 537) and Market Street (County Route 537 Spur) located in Downtown Camden by converting the existing one-way traffic operation on both streets into two-way operation on both streets in the areas between Haddon Avenue and Delaware Avenue. Existing traffic signals will be replaced with new equipment and controllers. Dynamic Message Signs will also be installed. The interchange at Flanders Avenue and Federal Street, which provides access to and from Route 30, will be reconfigured to improve operations and safety. The current westbound Route 30 off-ramp will be realigned and reconstructed, and the westbound Route 30 on-ramp from Flanders Avenue will be moved approximately 500 feet west to the other side of Federal Street to provide safer and improved access to Route 30 westbound.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 5A
Municipalities:	Camden City	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Local System Support
Project Manager:		IPD:
Mileposts:	N/A	Sponsor: Camden County
Improvement Type:	Intersection/Interchange Improvements	<b>Mapped: Y</b>
	This project may be suitable for ITS treatments.	

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	5.000									
<b>Fiscal Year Total</b>		<b>5.000</b>									
		<b>Total First Four Years: 5.000</b>				<b>Total Later Fiscal Years:</b>					



# DVRPC FY2020 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 region's trail.

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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STBGP-PHILA	0.000	0.000	0.755							
CON	STBGP-PHILA		0.000	0.000	8.051						
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.000</b>	<b>0.755</b>	<b>8.051</b>						
		<b>Total First Four Years: 8.806</b>				<b>Total Later Fiscal Years:</b>					

**DB# D2002 Lower Landing/Good Intent Rd (CR 681), Camden County Line to Rt 42**

AQCODE: S10

Roadway improvements will include base repairs and mill and overlay surface, full depth reconstruction (where needed), and the installation of concrete vertical curb, replacement and upgrade of existing stormwater system in the Right-of-Way and replacement of handicap ramps within the project's limits.

CMP:  
 Municipalities: Gloucester Township  
 CIS Program Subcategory: Planning Center: None  
 Project Manager: CIS Program Category:  
 Mileposts: 0.00 - 1.49  
 Improvement Type: Roadway Rehabilitation  
 Sponsor: Camden County  
 Local Project: Y Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-PHILA	3.265									
<b>Fiscal Year Total</b>		<b>3.265</b>									
		<b>Total First Four Years: 3.265</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 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)** NEW-B

AQCODE: 2035M

The goal of the HSIP funded study is to recommend preferred alternatives that will significantly improve the safety for all modes of travel within the project's study area, with special attention given to vulnerable users: pedestrians and bicyclists. Funding for this project was made available through Delaware Valley Regional Planning Commission's (DVRPC) FY 2016 Local Capital Project Delivery (LCPD) Program for Camden County. This study will comply with the Federal Highway Administration's Highway Safety Improvement Program (HSIP), from which one of the project deliverables will include a Highway Safety Manual (HSM) analysis completed to the specifications of NJDOT's Bureau of Transportation Data and Safety.

CMP: Not SOV Capacity Adding

Municipalities: Camden City Planning Center: None

CIS Program Subcategory: CIS Program Category: safety management

Project Manager: IPD:

Mileposts: Sponsor: Camden County

Improvement Type: Bicycle/Pedestrian Improvement **Local Project: Y** **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	HSIP		0.000	0.408							
PE	HSIP	0.000	0.951								
PE	STBGP-PHILA	0.000									
CON	STBGP-PHILA			0.000	5.436						
DES	STBGP-PHILA		0.000								
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.951</b>	<b>0.408</b>	<b>5.436</b>						
				<b>Total First Four Years:</b>	<b>6.795</b>	<b>Total Later Fiscal Years:</b>					

DB# 11416 **Route 30, Atco Avenue to Route 206**

AQCODE: S10 Initiated from the Pavement Management System, this project will resurface within the project limits. The project will include guiderail replacement, installation of handicapped ramps and crosswalks and upgrading of traffic signals.

CMP: Not SOV Capacity Adding

Municipalities: Waterford Township; Chesilhurst Borough; Winslow Township Planning Center: None

CIS Program Subcategory: CIS Program Category: Road Assets

Project Manager: Alam, Muhammad IPD:

Mileposts: 19.51 - 29.70 Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation **Mapped: Y**  
This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	0.000	11.570								
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>11.570</b>								
				<b>Total First Four Years:</b>	<b>11.570</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

DB# 16319      **Route 30, Gibbsboro Road (CR 686)**      **NEW-G**

AQCODE: R1

Initiated from the Safety Management System, the project will improve traffic safety at the intersection as part of the Intersection Improvement Program (IIP). Widening should address the need for dedicated left-turn lanes, and also address the need to improve the level of service by having two through-lanes that will be unencumbered by left-turning vehicles at the intersection.

CMP: Minor SOV Capacity

Municipalities: Clementon Borough; Lindenwold Borough      Planning Center: None

CIS Program Subcategory:      CIS Program Category: Safety Management

Project Manager: Colquitt, Willie      IPD:

Mileposts: 13.55      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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	HSIP							6.500			
<b>Fiscal Year Total</b>								<b>6.500</b>			
<b>Total First Four Years:</b>					<b>Total Later Fiscal Years:</b>			<b>6.500</b>			

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

AQCODE: R3

Relocate access to RT 42 ramps further down County Rt 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: McCleerey, John      IPD:

Mileposts: 13.85      Sponsor: NJDOT

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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHFP-HWY				1.000						
DES	NHFP-HWY			0.650							
CON	NHFP-HWY					6.000					
<b>Fiscal Year Total</b>				<b>0.650</b>	<b>1.000</b>	<b>6.000</b>					
<b>Total First Four Years:</b>				<b>1.650</b>		<b>Total Later Fiscal Years:</b>				<b>6.000</b>	

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

**DB# 12313 Route 42, Bridges over Blackwood Railroad Trail**

AQCODE: S19

Initiated from the Bridge Management System, the two existing three span bridges (Northbound & Southbound) will be removed and replaced with a precast arch system. Retaining walls will be constructed to maintain and limit embankment slope. The project will extend and widen the acceleration and deceleration lanes and provide shoulders. ITS features, pedestrian/underpass lighting, and a security camera will be also provided in this project.

CMP: Not SOV Capacity Adding

Municipalities: Gloucester Township Planning Center: None

CIS Program Subcategory: CIS Program Category: Bridge Assets

Project Manager: Maevsky, Andrew IPD:

Mileposts: 10.210-10.210 Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement Mapped: Y  
This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		32.321								
<b>Fiscal Year Total</b>			<b>32.321</b>								
		<b>Total First Four Years: 32.321</b>				<b>Total Later Fiscal Years:</b>					

**DB# 11338 Route 70, Route 38 to Cooper Avenue LRPID: 220**

AQCODE: S10

This project consists of milling, resurfacing, reconstructing, and rehabilitating the mainline and shoulder pavement in both the Eastbound and Westbound directions. Ramps and cross roads within the project limits are also included in the scope or work. The project is to mill and resurface the majority of Rt. 70 with a full depth pavement reconstruction for certain sections of the roadway where the pavement is in poor condition.

In addition, the existing culvert at Cropwell's Brook is to be replaced. The proposed culvert will accommodate a 25-year storm. Drainage improvements include the construction of additional inlets and piping, increasing the size of existing piping, installation of underdrains in select areas, and the installation of a tide control check valve.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 10A, 10B, 10C

Municipalities: Evesham Township; Pennsauken Township; Cherry Hill Township Planning Center: Metropolitan Subcenter

CIS Program Subcategory: CIS Program Category: Road Assets

Project Manager: Maevsky, Andrew IPD:

Mileposts: 0.00 - 8.8 Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP						46.000	100.000			
<b>Fiscal Year Total</b>							<b>46.000</b>	<b>100.000</b>			
		<b>Total First Four Years:</b>				<b>Total Later Fiscal Years: 146.000</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

DB# 16342    **Route 73 and Ramp G, Bridge over Route 130**    LRPID: 302    NEW-G

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PE	NHPP	3.500									
DES	NHPP			3.000							
CON	NHPP					10.000	10.000	10.000			
ROW	NHPP				1.000						
<b>Fiscal Year Total</b>		<b>3.500</b>		<b>3.000</b>	<b>1.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>			
<b>Total First Four Years:</b>				<b>7.500</b>	<b>Total Later Fiscal Years:</b>				<b>30.000</b>		

DB# 11326A    **Route 76, Bridges over Route 130**

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	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-OS-BRDG	0.000	0.000	0.000	26.391	26.391					
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>26.391</b>	<b>26.391</b>					
<b>Total First Four Years:</b>				<b>26.391</b>	<b>Total Later Fiscal Years:</b>				<b>26.391</b>		

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

DB# 11326

#### Route 76/676 Bridges and Pavement

LRPID: 300

AQCODE: S19

The project will replace: the bridge decks and superstructure of Route 76/676 over the Main Branch of Newton Creek, and Route 76 over Nicholson Road; the deck and superstructure of Route 76 over the South Branch of Newton Creek, Conrail, & Klemm Avenue; and the deck and superstructure of Route 676 Southbound over the Main Branch of Newton Creek. Some pavement resurfacing of Route 676 to the bridge decks at North Branch of Newton Creek and on Route 76 Southbound will be included. Two bridges; Route 676 Southbound over Main Branch of Newton Creek, and Route 76 over Main Branch of Newton Creek, will be widened. Resurfacing at; Morgan Boulevard Eastbound to the Route 676 Northbound loop ramp, Collings Avenue to Route 676 Northbound, Route 676 Southbound to Collings Avenue Westbound, Route 676 Southbound to Collings Avenue Eastbound, Collings Avenue to Route 676 Southbound, and Route 676 Southbound to Route 76C Eastbound will also be performed. The projects also includes; ADA improvements at the Morgan Boulevard and Route 676 ramp; intersection and traffic signal modifications at the Collings Avenue and Route 676 Northbound ramp intersection, and the Collings Avenue and Route 676 Southbound ramp intersection.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 2B  
 Municipalities: Camden City; Gloucester City Planning Center: Town Center  
 CIS Program Subcategory: CIS Program Category: Bridge Assets  
 Project Manager: Maevsky, Andrew IPD:  
 Mileposts: Rt 76: 0.70 - 1.7, Rt 676: 0 - 1.0 Sponsor: NJDOT  
 Improvement Type: Bridge Repair/Replacement Mapped: Y

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP				0.000	0.000	0.000				
<b>Fiscal Year Total</b>					<b>0.000</b>	<b>0.000</b>	<b>0.000</b>				
		<b>Total First Four Years: 0.000</b>				<b>Total Later Fiscal Years: 0.000</b>					

DB# 14426

#### Route 130, Bridge over Big Timber Creek

LRPID: 246

AQCODE: S19

Initiated by the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built in 1928. Improvements will also be made to the approaches, and to the drainage at the site.

CMP: Not SOV Capacity Adding  
 Municipalities: Brooklawn Borough; Westville Borough Planning Center: None  
 CIS Program Subcategory: CIS Program Category: Bridge Assets  
 Project Manager: Maevsky, Andrew IPD:  
 Mileposts: 25.35 - 25.58 Sponsor: NJDOT  
 Improvement Type: Bridge Repair/Replacement Mapped: Y

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP					19.086	19.100				
ROW	NHPP	3.600									
<b>Fiscal Year Total</b>		<b>3.600</b>				<b>19.086</b>	<b>19.100</b>				
		<b>Total First Four Years: 3.600</b>				<b>Total Later Fiscal Years: 38.186</b>					

# DVRPC FY2020 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: Patel, Pankesh

IPD:

Mileposts: 28

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP					19.200					
DES	STATE		3.860								
ROW	STATE			0.310							
<b>Fiscal Year Total</b>			<b>3.860</b>	<b>0.310</b>		<b>19.200</b>					
<b>Total First Four Years:</b>				<b>4.170</b>	<b>Total Later Fiscal Years:</b>				<b>19.200</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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP					13.150					
<b>Fiscal Year Total</b>						<b>13.150</b>					
<b>Total First Four Years:</b>					<b>Total Later Fiscal Years:</b>				<b>13.150</b>		

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

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

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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP			3.620							
<b>Fiscal Year Total</b>				<b>3.620</b>							
<b>Total First Four Years:</b>				<b>3.620</b>	<b>Total Later Fiscal Years:</b>						

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

LRPID: 75

AQCODE:	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.	
CMP:	Major SOV Capacity	Adding Subcorr(s): 2B	
Municipalities:	Mount Ephraim Borough; Bellmawr Borough	Planning Center: Suburban Center	
CIS Program Subcategory:	Congestion Relief	CIS Program Category: Congestion Relief	
Project Manager:	McCleerey, John	IPD:2	
Mileposts:	Rt. 295: 25.07 - 26.35; Rt. 42: 12.57 - 13.90; Rt 55: 59.83 - 60.54	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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHFP-HWY	31.387	46.210	0.000							
CON	NHPP		23.403	20.000							
CON	STBGP-FLEX		24.000								
<b>Fiscal Year Total</b>		<b>31.387</b>	<b>93.613</b>	<b>20.000</b>							
<b>Total First Four Years:</b>				<b>145.000</b>	<b>Total Later Fiscal Years:</b>						



# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

DB# 355E

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

LRPID: 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".

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: McCleerey, John IPD:2  
 Mileposts: 26.41 - 27.8 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHFP-HWY		0.000	0.000	43.339	37.382	50.677				
CON	NHFP		0.000	0.000	66.661	62.618	59.765				
<b>Fiscal Year Total</b>			<b>0.000</b>	<b>0.000</b>	<b>110.000</b>	<b>100.000</b>	<b>110.442</b>				
			<b>Total First Four Years: 110.000</b>			<b>Total Later Fiscal Years: 210.442</b>					

DB# D1715

Route 70 Gateway/Airport Circle

AQCODE: R1

Route 70 is a major corridor connecting Camden to the rest of South Jersey and must serve as an effective gateway in order to support the objective of improving access to the City. Operational, geometric, safety and aesthetic improvements are necessary involving modifications to the roadway cross section through widening or reduction in the width of the grass median. Streetscape elements including median treatments, multimodal accommodations, undergrounding aerial utilities, painting the NJ Transit Bridge and signage are also included in the project. US Route 30 and 130 and NJ Routes 70 and 38 converge at the airport circle. Improvements at this location are needed to relieve congestion and improve operational efficiency and safety.

CMP: Not Yet Determined Adding Subcorr(s): 5A, 6I, 10A, 12A  
 Municipalities: Camden City Planning Center: None  
 CIS Program Subcategory: CIS Program Category: Local System Support  
 Project Manager: IPD:  
 Mileposts: 0 - 3.5 Sponsor: Camden County  
 Improvement Type: Intersection/Interchange Improvements Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE		10.000								
<b>Fiscal Year Total</b>			<b>10.000</b>								
			<b>Total First Four Years: 10.000</b>			<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

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

**AQCODE:** S19 Nicholson Rd Advanced Utility Relocation. This is one of three contracts broken out of Route 76/676 Bridges and Pavement (DB #11326).

**CMP:**

Municipalities:	Camden City; Gloucester City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Maevsky, Andrew	IPD:	
Mileposts:	1.59	Sponsor:	NJDOT
Improvement Type:	Other		<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
UTI	NHPP			3.500							
<b>Fiscal Year Total</b>				3.500							
<b>Total First Four Years:</b>				<b>3.500</b>	<b>Total Later Fiscal Years:</b>						

#### DB# 11326C Route 76/676 Bridges and Pavement, Contract 3

**AQCODE:** S19 The project will replace: the bridge decks and superstructure of Route 76/676 over the Main Branch of Newton Creek, and Route 76 over Nicholson Road the deck and superstructure of Route 76 over the South Branch of Newton Creek, Conrail, & Klemm Avenue and the deck and superstructure of Route 676 Southbound over the Main Branch of Newton Creek. This is one of three contracts broken out of Route 76/676 Bridges and Pavement (DB #11326).

**CMP:**

Municipalities:	Camden City; Gloucester City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Maevsky, Andrew	IPD:	
Mileposts:	0.7-1.7	Sponsor:	NJ TRANSIT
Improvement Type:	Bridge Repair/Replacement		<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	CRRSAA-FLEX				81.700						
<b>Fiscal Year Total</b>					81.700						
<b>Total First Four Years:</b>				<b>81.700</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

**DB# 11326D Rt. 76, Bridge over Klemm Avenue, Conrail and South Branch of Newton Creek, Contract 1**

AQCODE: S19

Klemm Avenue superstructure replacement, including overhead sign structure replacement of "Klemm Avenue Bridge" and the relocation of utilities underneath the bridge. Incidental work will include infiltration basin construction, drainage, lighting, ITS Conduit, pavement rehabilitation, replacement of impacted noise walls and ramp reconstruction for the Route 76 Southbound (SB) to Route 130 SB exit ramp. This is one of three contracts broken out of Route 76/676 Bridges and Pavement (DB #11326).

CMP:

Municipalities: Camden City; Gloucester City

Planning Center: None

CIS Program Subcategory: Bridge Preservation

CIS Program Category:

Project Manager: Maevsky, Andrew

IPD:

Mileposts: 1.28

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		89.900								
<b>Fiscal Year Total</b>			<b>89.900</b>								
		<b>Total First Four Years:</b>		<b>89.900</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Camden

DB# D1913

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

NEW-B

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.

Note: PE was authorized on Jan. 6, 2020 for \$299,000 HSIP funds under DB #04314.

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:		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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	HSIP	0.000	0.172								
CON	STBGP-PHILA		0.000	1.349							
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.172</b>	<b>1.349</b>							
<b>Total First Four Years:</b>				<b>1.521</b>	<b>Total Later Fiscal Years:</b>						

**Total for Camden:**

<b>50.382</b>	<b>262.274</b>	<b>34.816</b>	<b>242.078</b>	<b>195.051</b>	<b>186.242</b>	<b>117.724</b>	<b>0.700</b>	<b>1.224</b>	<b>0.700</b>	
<b>Total First Four Years:</b>				<b>589.550</b>	<b>Total Later Fiscal Years:</b>					<b>501.641</b>

# DVRPC FY2020 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.

CMP: Not SOV Capacity Adding

Municipalities: South Harrison Township

Planning Center: None

CIS Program Subcategory: Bridge Preservation

CIS Program Category:

Project Manager:

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	17-STATE-DVRPC			0.000	3.095						
PE	17-STATE-DVRPC	0.000	0.300								
DES	17-STATE-DVRPC		0.000	0.300							
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.300</b>	<b>0.300</b>	<b>3.095</b>						
<b>Total First Four Years:</b>				<b>3.695</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 Delsea Regional High School near Route 47 will also be included.

CMP: Not SOV Capacity Adding

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

Local Project: Y

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-PHILA		3.700								
<b>Fiscal Year Total</b>			<b>3.700</b>								
<b>Total First Four Years:</b>				<b>3.700</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

**DB# D2010 CR 689/CR 654 Resurfacing**

AQCODE: S10

Pavement within project limits will be resurfaced along Hurffville-Cross Keys Road (CR 654) and the Cross Keys By-Pass (CR 689).

CMP:

Municipalities: Monroe Township; Washington Township      Planning Center: None  
 CIS Program Subcategory:      CIS Program Category:  
 Project Manager:      IPD:  
 Mileposts:      Sponsor: Gloucester County  
 Improvement Type: Roadway Rehabilitation      **Local Project: Y**      **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	HWYINF		0.490								
CON	STBGP-PHILA		2.110								
<b>Fiscal Year Total</b>			<b>2.600</b>								
<b>Total First Four Years:</b>				<b>2.600</b>	<b>Total Later Fiscal Years:</b>						

**DB# D2003 Fries Mill Rd (CR 655), Rt 322 to Rt 42**

AQCODE: S10

This is a pavement preservation project that will mill and resurface existing riding surface, replace new signing and striping, and maintain/improve existing bike lanes.

CMP:

Municipalities: Washington Township; Monroe Township; Clayton Borough      Planning Center: None  
 CIS Program Subcategory:      CIS Program Category:  
 Project Manager: Cihocki, Dave      IPD:  
 Mileposts: Various      Sponsor: Gloucester County  
 Improvement Type: Roadway Rehabilitation      **Local Project: Y**      **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-PHILA	3.900									
<b>Fiscal Year Total</b>		<b>3.900</b>									
<b>Total First Four Years:</b>				<b>3.900</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2020 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.

FY20: Gloucester County DTS requested 3 extended cutaway standard vehicles with 14-16 passenger seats totaling \$238,000 CMAQ (includes NJ TRANSIT administration fee) to be flexed to DB #T150.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: Magri, Anna 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	CMAQ	0.000		0.238		0.238		0.238		0.238	
<b>Fiscal Year Total</b>		<b>0.000</b>		<b>0.238</b>		<b>0.238</b>		<b>0.238</b>		<b>0.238</b>	
		<b>Total First Four Years: 0.238</b>			<b>Total Later Fiscal Years: 0.714</b>						

# DVRPC FY2020 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:**

\$1.0 million 16-STATE-DVRPC funds have been allocated for the ROW phase.

\$3.9 M STATE-DVRPC (\$596,000 17-STATE-DVRPC/\$3.304 million 18-STATE-DVRPC) funds have been allocated for CON.

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	17-STATE-DVRPC	0.000	0.000		0.596						
CON	18-STATE-DVRPC	0.000	0.000		3.304						
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.000</b>		<b>3.900</b>						
<b>Total First Four Years:</b>				<b>3.900</b>	<b>Total Later Fiscal Years:</b>						



# DVRPC FY2020 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.

Note: \$612,000 15-STATE-DVRPC funds have been allocated for this project's CON phase.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: San Jose, Art 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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# 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: 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		0.000								
ROW	NHPP	0.000									
CON	STBGP-FLEX		4.500								
ROW	STBGP-FLEX	1.500									
<b>Fiscal Year Total</b>		<b>1.500</b>	<b>4.500</b>								
		<b>Total First Four Years: 6.000</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

**DB# 12413**      **Route 40, Elmer Lake to Elmwood Avenue**

**AQCODE:** S10      Initiated from the Pavement Management System, this project will resurface within the project limits.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Franklin Township

**Planning Center:** None

**CIS Program Subcategory:**

**CIS Program Category:** Road Assets

**Project Manager:** Kennard, Amy

**IPD:**

**Mileposts:** 20.6-24.8 & 26.0-27.4

**Sponsor:** NJDOT

**Improvement Type:** Roadway Rehabilitation

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	0.000	3.540								
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>3.540</b>								
<b>Total First Four Years:</b>				<b>3.540</b>	<b>Total Later Fiscal Years:</b>						

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

**NEW-G**

**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  
This project may be suitable for ITS treatments.

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP				1.100						
CON	NHPP					3.050					
DES	STATE		1.125								
<b>Fiscal Year Total</b>			<b>1.125</b>		<b>1.100</b>	<b>3.050</b>					
<b>Total First Four Years:</b>				<b>2.225</b>	<b>Total Later Fiscal Years:</b>						<b>3.050</b>

# DVRPC FY2020 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 with a precast concrete Northeast Extreme Tee (NEXT) Beam structure.

<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 11B
<b>Municipalities:</b>	Woodbury City	Planning Center: Town Center
<b>CIS Program Subcategory:</b>		CIS Program Category: Bridge Assets
<b>Project Manager:</b>	Alam, Muhammad	IPD:
<b>Mileposts:</b>	26.21	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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	NHPP		0.500								
DES	NHPP	0.000	1.000								
CON	NHPP			6.500							
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>1.500</b>	<b>6.500</b>							
<b>Total First Four Years:</b>				<b>8.000</b>	<b>Total Later Fiscal Years:</b>						

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

LRPID: 246

**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.

<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 6J, 11A
<b>Municipalities:</b>	Westville Borough	Planning Center: None
<b>CIS Program Subcategory:</b>		CIS Program Category: Bridge Assets
<b>Project Manager:</b>	Maevsky, Andrew	IPD:
<b>Mileposts:</b>	74.8 - 75.2	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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STBGP-FLEX	3.000									
CON	STBGP-FLEX					23.650					
<b>Fiscal Year Total</b>		<b>3.000</b>				<b>23.650</b>					
<b>Total First Four Years:</b>				<b>3.000</b>	<b>Total Later Fiscal Years:</b>						<b>23.650</b>

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

**DB# 12305**      **Route 47, Grove St. to Route 130, Pavement**      **LRPID: 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  
Westville Borough      Planning Center: Town Center

**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**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-FLEX					32.300					
<b>Fiscal Year Total</b>						<b>32.300</b>					
		<b>Total First Four Years:</b>				<b>Total Later Fiscal Years: 32.300</b>					

**DB# 11414**      **Route 130, Plant Street to High Hill Road (CR 662)**

**AQCODE:** S10      Initiated by the Pavement Management System, this project consists of milling, resurfacing, reconstructing and rehabilitating certain sections within the project limits, replacing substandard guiderail, installing ADA-compliant curb ramps and correcting substandard geometric deficiencies. The pavement will be resurfaced within the entire project limits, with milling and paving on the mainline and shoulders. A small portion of the roadway is identified for reconstruction and the US 130 over Salem Canal concrete culvert will also be repaired.

**CMP:**      Not SOV Capacity Adding

**Municipalities:**      Logan Township      Planning Center: None

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

**Project Manager:**      Kasbekar, Mike      IPD:

**Mileposts:**      0.2-10.98      Sponsor: NJDOT

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

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	5.084									
<b>Fiscal Year Total</b>		<b>5.084</b>									
		<b>Total First Four Years: 5.084</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Gloucester

DB# 19375 **Route 322B SB, Retaining Wall @ Raccoon Creek, Priority Repair** NEW

AQCODE: S19

This project will replace an existing failing retaining wall supporting the west side of Rt. 322 Business to the north of Raccoon Creek in Mullica Hill, Harrison Township, Gloucester County. The retaining wall is in poor condition and the Department's Bridge Management System has identified it as a candidate for the replacement.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 7C
Municipalities:	Harrison Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Patel, Pankesh	IPD:
Mileposts:	0.60-0.66	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	2.000									
<b>Fiscal Year Total</b>		<b>2.000</b>									
		<b>Total First Four Years: 2.000</b>				<b>Total Later Fiscal Years:</b>					

DB# 12306 **Route 42, Kennedy Ave. to Atlantic City Expressway** LRPID: 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	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	0.000		37.000							
<b>Fiscal Year Total</b>		<b>0.000</b>		<b>37.000</b>							
		<b>Total First Four Years: 37.000</b>				<b>Total Later Fiscal Years:</b>					

**Total for Gloucester:**

15.484	17.765	43.738	2.100		59.238	1.000	0.238	1.000	0.238	1.000
<b>Total First Four Years: 79.087</b>					<b>Total Later Fiscal Years: 62.714</b>					

# DVRPC FY2020 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:	Campi, John	IPD:3
Mileposts:	N/A	Sponsor: NJDOT
Improvement Type:	Other	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

DB# D1710

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

LRPID: 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STBGP-TRENTON	0.000	3.500								
CON	STBGP-TRENTON		0.000	5.153	4.478	5.406	4.537	5.670	4.806	4.135	
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>3.500</b>	<b>5.153</b>	<b>4.478</b>	<b>5.406</b>	<b>4.537</b>	<b>5.670</b>	<b>4.806</b>	<b>4.135</b>	
		<b>Total First Four Years:</b>			<b>13.131</b>	<b>Total Later Fiscal Years:</b>				<b>24.554</b>	

# DVRPC FY2020 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.

FY20: Mercer County TRADE requested 10 total transit vehicles: 5 standard cutaway vehicles with 11-12 passenger seats, 4 extended cutaway vehicles with 14-16 passenger seats, and 1 small cutaway vehicle with 6-8 passenger seats. Total: \$756,000 CMAQ (includes NJ TRANSIT administration fee) to be flexed to DB #T120.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: Local Aid  
 Project Manager: Kumar, Arun  
 Mileposts: N/A  
 Improvement Type: Roadway Rehabilitation

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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	CMAQ	0.000		0.756		0.756		0.756		0.756	
<b>Fiscal Year Total</b>		<b>0.000</b>		<b>0.756</b>		<b>0.756</b>		<b>0.756</b>		<b>0.756</b>	
<b>Total First Four Years:</b>				<b>0.756</b>	<b>Total Later Fiscal Years:</b>				<b>2.268</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  
 Municipalities: Various  
 CIS Program Subcategory: Local Aid  
 Project Manager: Kumar, Arun  
 Mileposts: N/A  
 Improvement Type: Roadway Rehabilitation

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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-TRENTON		0.982		0.800		1.000		1.000		1.000
<b>Fiscal Year Total</b>			<b>0.982</b>		<b>0.800</b>		<b>1.000</b>		<b>1.000</b>		<b>1.000</b>
<b>Total First Four Years:</b>				<b>1.782</b>	<b>Total Later Fiscal Years:</b>				<b>3.000</b>		



# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

#### DB# D1901 Mercer County's Electronic Traffic Control Devices Inventory

AQCODE: X1

The project will provide an inventory of signal system equipment, traffic control and accessibility features associated with signalized roadway intersections; school zones; fire company engine entries; miscellaneous electronic warnings (including red signal ahead, dynamic speed feedback signals and flashers); as well as trail and mid-block pedestrian crossing safety buttons (including rectangular rapid flash beacons) at various discrete signal system locations under county jurisdiction.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory:

CIS Program Category:

Project Manager: Skala, Kyle

IPD:

Mileposts:

Sponsor: Mercer County

Improvement Type:

Other

Local Project: Y

Mapped: Y

This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PLS	STBGP-TRENTON	0.000	0.000								
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.000</b>								
		<b>Total First Four Years: 0.000</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 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)

NEW-B

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: IPD:  
 Mileposts: 2.2-4.4 Sponsor: Mercer County  
 Improvement Type: Intersection/Interchange Improvements **Local Project: Y** **Mapped: Y**  
 This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	HSIP				3.000	3.000	0.000	0.000			
DES	HSIP		0.000	0.450							
PE	HSIP	1.026									
<b>Fiscal Year Total</b>		<b>1.026</b>	<b>0.000</b>	<b>0.450</b>	<b>3.000</b>	<b>3.000</b>	<b>0.000</b>	<b>0.000</b>			
<b>Total First Four Years:</b>				<b>4.476</b>	<b>Total Later Fiscal Years:</b>				<b>3.000</b>		

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

DB# D0701

Princeton-Hightstown Road Improvements, CR 571

LRPID: 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) is allocated for this project's Final Design (DES) phase.

\$10 million 18-STATE-DVRPC funds is allocated for this project's construction 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	18-STATE-DVRPC	0.000		10.000							
<b>Fiscal Year Total</b>		<b>0.000</b>		<b>10.000</b>							
<b>Total First Four Years:</b>				<b>10.000</b>	<b>Total Later Fiscal Years:</b>						

DB# 18305

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

NEW

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE				1.200						
PE	STATE			0.700							
ROW	STBGP-OS-BRDG					0.500					
CON	STBGP-OS-BRDG						3.650				
<b>Fiscal Year Total</b>				<b>0.700</b>	<b>1.200</b>	<b>0.500</b>	<b>3.650</b>				
<b>Total First Four Years:</b>				<b>1.900</b>	<b>Total Later Fiscal Years:</b>					<b>4.150</b>	

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

DB# 17419

Route 1, Alexander Road to Mapleton Road

LRPID: 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).

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: Campi, John 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ROW	CMAQ				10.500						
UTI	CMAQ					9.500					
CON	CMAQ						13.200				
DES	STATE		2.470								
<b>Fiscal Year Total</b>			<b>2.470</b>		<b>10.500</b>	<b>9.500</b>	<b>13.200</b>				
		<b>Total First Four Years: 12.970</b>				<b>Total Later Fiscal Years: 22.700</b>					

DB# 16336

Route 1B, Bridge over Shabakunk Creek

NEW-G

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 Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP							11.900			
DES	STATE		0.900								
ROW	STATE				0.100						
<b>Fiscal Year Total</b>			<b>0.900</b>		<b>0.100</b>			<b>11.900</b>			
		<b>Total First Four Years: 1.000</b>				<b>Total Later Fiscal Years: 11.900</b>					

# DVRPC FY2020 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	0.000		22.000							
<b>Fiscal Year Total</b>		<b>0.000</b>		<b>22.000</b>							
<b>Total First Four Years:</b>				<b>22.000</b>	<b>Total Later Fiscal Years:</b>						

#### DB# 15374 Route 33, Cleveland Avenue to Paxon Avenue

AQCODE: S10

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

CMP:	Not SOV Capacity Adding	
Municipalities:	Trenton City; Hamilton Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Campi, John	IPD:
Mileposts:	1.4-5.0	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	7.980	0.000								
<b>Fiscal Year Total</b>		<b>7.980</b>	<b>0.000</b>								
<b>Total First Four Years:</b>				<b>7.980</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

**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.

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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP		4.520								
<b>Fiscal Year Total</b>			<b>4.520</b>								
<b>Total First Four Years:</b>				<b>4.520</b>	<b>Total Later Fiscal Years:</b>						

**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.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 4A, 8A
Municipalities:	Trenton City	Planning Center: Metropolitan Subcenter
CIS Program Subcategory:	Bridge Preservation	CIS Program Category: Local System Support
Project Manager:	Campi, John	IPD:7
Mileposts:	42.70	Sponsor: NJDOT
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)				
		2020	2021	2022	2023	2024	2025	2026	2027	2028
CON	STBGP-TRENTON	0.000	0.000	9.500						
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.000</b>	<b>9.500</b>						
<b>Total First Four Years:</b>				<b>9.500</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Mercer

#### 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 reprofile the electric traction facilities.

Note: \$2.45 million 14-STATE-DVRPC funds have been allocated for ROW, and \$2.8 million 15-STATE-DVRPC funds have been allocated for DES.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 4A, 9A
Municipalities:	Trenton City	Planning Center: None
CIS Program Subcategory:	Bridge Preservation	CIS Program Category: Bridge Assets
Project Manager:	Campi, John	IPD:8
Mileposts:	CR 635: 0.19-0.31	Sponsor: NJDOT
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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STBGP-TRENTON									1.811	5.088
<b>Fiscal Year Total</b>										<b>1.811</b>	<b>5.088</b>
		<b>Total First Four Years:</b>				<b>Total Later Fiscal Years: 6.899</b>					

**Total for Mercer:**

9.106	12.472	38.659	20.178	9.762	18.787	31.626	5.906	6.802	6.188
<b>Total First Four Years: 80.415</b>				<b>Total Later Fiscal Years: 79.071</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

#### 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.

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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC NHPP	4.000	0.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	32.000
<b>Fiscal Year Total</b>	<b>4.000</b>	<b>0.000</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>32.000</b>
<b>Total First Four Years:</b>			<b>12.000</b>	<b>Total Later Fiscal Years:</b>			<b>52.000</b>			

#### 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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC 17-STATE-DVRPC	0.000									
ERC 18-STATE-DVRPC	0.045									
ERC STBGP-PHILA	2.809	0.000	14.261	2.347	16.775	17.457	17.800	18.504	18.869	19.595
ERC STBGP-TRENTON	5.725	1.998								
<b>Fiscal Year Total</b>	<b>8.579</b>	<b>1.998</b>	<b>14.261</b>	<b>2.347</b>	<b>16.775</b>	<b>17.457</b>	<b>17.800</b>	<b>18.504</b>	<b>18.869</b>	<b>19.595</b>
<b>Total First Four Years:</b>			<b>27.185</b>	<b>Total Later Fiscal Years:</b>			<b>109.000</b>			



# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

**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: 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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: 0.400</b>				<b>Total Later Fiscal Years: 0.600</b>					

# DVRPC FY2020 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. All DVRPC Competitive CMAQ Awards are listed in Table 7 of DVRPC's Draft FY2020 TIP for NJ.

Projects anticipated for CMAQ authorization before or by FY21 from the FY2018 Competitive CMAQ Program include:

1. Gloucester Township Bicycle Trail, Oak Avenue to Evesham Road (for Construction) (Circuit Trail) in Gloucester Township, Camden County for \$0.959 M CMAQ;
2. Maidenhead Meadows Trail (for Construction) (Circuit Trail) in Lawrence Township, Mercer County for \$1.2144 M CMAQ;
3. Hamilton Avenue (CR 606) and Kuser Road (CR 619)/Ward Avenue and Hamilton Avenue and Liberty Street (for Construction) in Hamilton Township, Mercer County for \$1.185 M CMAQ;
4. NJDEP's It Pay\$ to Plug In: New Jersey's Electric Vehicle Charging Grants Program for \$0.200 M CMAQ;
5. NJDEP's Emergency Medical Services (EMS) Idle Reduction Grant Program for \$0.216 M CMAQ; and
6. NJDEP's Electric Vehicle Ride and Drive Events for \$0.1244 M CMAQ.

The \$1.185 M STBGP-TRENTON in FY21 will provide for the FY2018 Competitive CMAQ award, Hamilton Avenue (CR 606) and Kuser Road (CR 619)/Ward Avenue and Hamilton Avenue and Liberty Street, in Mercer County.

Projects approved by the DVRPC Board on May 27, 2021 for CMAQ authorization between FY22 and FY24 through the DVRPC FY2020 Competitive CMAQ Program are as follows:

- 1) \$3.163 M for Camden County to construct the Route 130 Camden County Link Trail Bike/Ped Bridge;
- 2) \$836,000 for Lawrence Township to construct Princeton Pike Traffic Flow Mitigation Improvements;
- 3) \$594,000 for Voorhees Township to construct pedestrian and bike lane improvements for access to the Ashland Patco Station;
- 4) \$300,000 for NJDEP's eMobility Program, specifically for Trenton City's publicly owned electric vehicle (EV) charging stations that will be on public property (\$200,000) and education and outreach activities of the program in the city (\$100,000); and
- 5) \$81,000 for Greater Mercer TMA's Dynamic Ridesharing App program marketing (\$25,000) and marketing administration expenses (\$56,000).

CMP:	Not SOV Capacity Adding	Planning Center: None
Municipalities:	Various	CIS Program Category: Congestion Relief
CIS Program Subcategory:	Quality of Life	IPD:
Project Manager:	Etz, Monica	Sponsor: Local Lead
Mileposts:	N/A	<b>Local Project: Y</b>
Improvement Type:	Other	<b>Mapped: N</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	CMAQ	0.718	1.560	1.166	1.560	1.166	1.560	1.166	1.560	1.166	1.560
EC	STBGP-TRENTON		1.185								
<b>Fiscal Year Total</b>		<b>0.718</b>	<b>2.745</b>	<b>1.166</b>	<b>1.560</b>	<b>1.166</b>	<b>1.560</b>	<b>1.166</b>	<b>1.560</b>	<b>1.166</b>	<b>1.560</b>
		<b>Total First Four Years: 6.189</b>				<b>Total Later Fiscal Years: 8.178</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

#### 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 Planning Center: None

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

Project Manager: Abuhuzeima, Shukri / Green, Elkins 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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>			

#### 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	STATE	32.669	32.669	32.669	32.669	32.669	30.270	30.270	30.270	30.270	30.270	
<b>Fiscal Year Total</b>		<b>32.669</b>	<b>32.669</b>	<b>32.669</b>	<b>32.669</b>	<b>32.669</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>130.676</b>	<b>Total Later Fiscal Years:</b>				<b>184.019</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

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: Broccoleri, 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	29.193	29.193	29.193	29.193	29.193	27.020	27.020	27.020	27.020	27.020
<b>Fiscal Year Total</b>		<b>29.193</b>	<b>29.193</b>	<b>29.193</b>	<b>29.193</b>	<b>29.193</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>116.773</b>	<b>Total Later Fiscal Years:</b>				<b>164.293</b>		

# DVRPC FY2020 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.

DVRPC solicits HSIP-eligible projects via its New Jersey Local Safety Program to advance safety improvement projects on county and local roadways. This is a competitive annual program available to county roadway owners that funds the design (DES) and construction (CON) phases of local safety projects. The projects selected will advance the goals of New Jersey's Strategic Highway Safety Plan (SHSP). Projects funded in this line item are:

1. CR 541 (Stokes Road) & CR 648 (Willow Grove Rd) Systemic Roundabout in Shamong Township, Burlington County  
 FY20 PE: authorized on Jan. 2, 2020 for \$281,000 HSIP under this DB #04314.  
 FY21 DES: \$149,000 HSIP under this DB #04314.  
 FY22 CON: \$2,652,000 STBGP-PHILA under this DB #04314.
2. Sicklerville Road (CR 705) and Erial Road (CR 706) Systemic Roundabout in Winslow Township, Camden County (broken out in the TIP as DB #D1913)  
 FY20 PE: authorized on Jan. 6, 2020 for \$299,000 HSIP under this DB #04314.  
 FY21 DES: \$172,000 HSIP under DB #D1913  
 FY22 CON: \$1,349,000 STBGP-PHILA under DB #D1913.
3. Mount Ephraim Avenue Safety Improvements, Ferry Avenue (CR 603) to Haddon Avenue (CR 561) in City of Camden, Camden County (broken out in the TIP as DB #D1914)  
 Concept Development (HSIP funded) was authorized prior to FY19 and completed during FY20.  
 FY21 PE: \$951,000 HSIP under DB #D1914  
 FY22 DES: \$408,000 HSIP under DB #D1914  
 FY23 CON: \$5,436,000 STBGP-PHILA under DB #D1914
4. CR 583, US 206 (Princeton Ave) and Brunswick Circle extension in Lawrence Township, Mercer County  
 FY20 DES authorized on 9/24/2020 for \$300,000 HSIP under DB #04314  
 FY22 CON: \$1,632,000 HSIP under DB #04314
5. Parkway Avenue (CR 634), Scotch Road (CR 611) to Route 31 (Pennington Road) in Ewing Township, Mercer County (broken out in the TIP as DB #D1910)  
 CD was NJDOT HSIP funded prior to FY19 and completed in FY19.  
 FY20 PE authorized on 9/24/2020 for \$1.026 million HSIP under DB #D1910.  
 FY22 DES: \$450,000 HSIP under DB #D1910  
 FY23 CON: \$3,000,000 HSIP under DB #D1910  
 FY24 CON: \$3,000,000 HSIP under DB #D1910

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	HSIP	1.675	1.877	2.142	0.000	0.000	3.000	3.000	3.000	3.000	3.000
ERC	STBGP-PHILA			2.652							

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

Various										
Fiscal Year Total	1.675	1.877	4.794	0.000	0.000	3.000	3.000	3.000	3.000	3.000
	<b>Total First Four Years: 8.346</b>				<b>Total Later Fiscal Years: 15.000</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.

Notes:

\$1.32 million STBGP-PHILA in FY21 will provide for the following DVRPC FY2022 UPWP projects/programs:  
 Central Jersey Transportation Forum (\$125,000)  
 NJ Local Concept Development Program Administration.Competitive Program & Project Management (\$150,000)  
 Enhance and Maintain Travel Forecasting Tools (\$185,600)  
 ExPO: Experimental Pop-Ups Program (\$100,000)  
 NJ Supportive Regional Highway Program (SRHPP) (\$409,000)  
 NJ Regional GIS Implementation Coordination (\$350,000)

\$225,000 STBGP-TRENTON in FY21 will provide for the following DVRPC FY2022 UPWP projects/programs:  
 Regional Electric Vehicle Planning Program (\$75,000)  
 Racial Minority Mobility Choices Study (\$75,000)  
 Regional Sidewalk Development Program: Pilot Technical Assistance Round (\$75,000)

\$1.5 million STATE-DVRPC funds were committed for the DVRPC Local Concept Development Program in DVRPC's FY2019 UPWP. This is noted for STATE-DVRPC tracking purposes.

\$2.620 million STBGP-PHILA in FY20 will provide for the following DVRPC FY2021 UPWP projects/programs:  
 Freight Model Enhancement (\$100,000)  
 ExPo: Experimental Pop-Ups Program (\$100,000)  
 Central Jersey Transportation Forum (\$125,000)  
 NJ Local Concept Development Admi./Competitive Program & Project Mgmt (\$150,000)  
 Local Concept Development Projects (\$1.15 million)  
 NJ Supportive Regional Highway Program (SRHPP) (\$409,000)  
 NJ Regional GIS Implementation Coordination (\$350,000)  
 Enhance and Maintain Travel Forecasting Tools (\$185,600)  
 Aerial Imagery (\$50,000)

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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	2.620	1.320	1.320	1.320	1.320	1.320	1.320	1.320	1.320	1.320
PLS	STBGP-TRENTON		0.225								
<b>Fiscal Year Total</b>		<b>5.858</b>	<b>4.783</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: 19.757</b>				<b>Total Later Fiscal Years: 27.348</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

#### DB# D2016 New Jersey Local HSIP Program Assistance (2 Years)

AQCODE: X1

This project will provide planning assistance and analysis to help New Jersey county and city partners seeking to improve roadway safety with federal HSIP funding. Among the types of support this contract will provide to New Jersey county and city applicants is Highway Safety Manual (HSM) analyses for prospective safety projects seeking HSIP funds through the DVRPC Local Safety Program (LSP), and support for projects seeking design and construction funding. This project will make federal safety funds easier for local roadway owners to access—a critical step in addressing the rising trend of fatal and serious injury crashes in the region.

CMP: Various  
 Municipalities: Various  
 Planning Center: None  
 CIS Program Subcategory: Various  
 CIS Program Category: Various  
 Project Manager: Murphy, Kevin  
 IPD:  
 Mileposts: Sponsor: DVRPC  
 Improvement Type: Other  
**Local Project: Y Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PLS	STBGP-PHILA		0.110								
PLS	STBGP-TRENTON		0.110								
<b>Fiscal Year Total</b>			<b>0.220</b>								
<b>Total First Four Years:</b>				<b>0.220</b>	<b>Total Later Fiscal Years:</b>						

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

AQCODE: NRS

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: Various  
 CIS Program Category: Congestion Relief  
 Project Manager: N/A  
 IPD:  
 Mileposts: Sponsor: DVRPC  
 Improvement Type: Signal/ITS Improvements  
**Local Project: Y Mapped: Y**  
 This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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
PLS	STBGP-TRENTON		0.030								
<b>Fiscal Year Total</b>		<b>0.350</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:</b>				<b>1.490</b>	<b>Total Later Fiscal Years:</b>						<b>2.280</b>

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

#### 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: Mike Boyer 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	CMAQ	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040
<b>Fiscal Year Total</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>0.040</b>	<b>0.040</b>
<b>Total First Four Years:</b>				<b>0.160</b>	<b>Total Later Fiscal Years:</b>				<b>0.240</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.

Funds in FY20 will provide for the following segments in Burlington County to maintain them in a state of good repair:  
Route 295, Rancocas Mount Holly Road (CR 626) to Route 130  
Route 38, Route 295 to Route 206

Road segments authorized in FY20 are as follows:  
Route 38, CR 530/CR 612 to Route 206  
Route 38, Creek Road to Pemberton Road  
Route 38, Route 295 to Bancroft Lane  
Route 195EB, Hobson Avenue

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Longworth, Jack / McCoy, Kurt IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	HWIZ005-TRENTON		0.900								
EC	NHPP	32.097	11.200	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000
EC	STBGP-FLEX	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>34.097</b>	<b>14.100</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>68.197</b>	<b>Total Later Fiscal Years:</b>				<b>60.000</b>		



# DVRPC FY2020 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 Mapped: N  
This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	HSIP		0.433								
EC	RHC	0.945	0.636	0.992	1.016	1.041	1.067	1.093	1.120	1.147	1.175
EC	RHC-PHILA	1.844	1.844	0.615							
EC	RHC-TRENTON	1.267	0.332								
<b>Fiscal Year Total</b>		<b>4.056</b>	<b>3.245</b>	<b>1.606</b>	<b>1.016</b>	<b>1.041</b>	<b>1.067</b>	<b>1.093</b>	<b>1.120</b>	<b>1.147</b>	<b>1.175</b>
		<b>Total First Four Years: 9.923</b>				<b>Total Later Fiscal Years: 6.642</b>					

#### DB# D1706 Regional Sidewalk Inventory and Online Walkability Engagement Platform

NEW

AQCODE: X1

In order to assist with planning efforts to help communities in the region become more pedestrian-friendly and accessible, this DVRPC Work Program project will improve pedestrian planning efforts and regional asset management with activities such as developing a regional sidewalk inventory and an online platform for a shared regional conversation on local and regional walkability. The creation of a sidewalk inventory will allow DVRPC to better address walkability in regional performance measures, support regional asset management efforts, and benefit other planning activities, such as Safe Routes to School, pedestrian safety audits, healthy communities planning, and improve safe and equitable access to transit and other essential services.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Local System Support

Project Manager: 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PLS	STBGP-PHILA	0.025									
<b>Fiscal Year Total</b>		<b>0.025</b>									
		<b>Total First Four Years: 0.025</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 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.

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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
PLS	CMAQ	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	
PLS	Local	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	
<b>Fiscal Year Total</b>		<b>0.063</b>	<b>0.063</b>	<b>0.063</b>	<b>0.063</b>	<b>0.063</b>	<b>0.063</b>	<b>0.063</b>	<b>0.063</b>	<b>0.063</b>	<b>0.063</b>	
<b>Total First Four Years:</b>				<b>0.252</b>	<b>Total Later Fiscal Years:</b>				<b>0.378</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.

CMP: Not SOV Capacity Adding   
 Municipalities: Various Planning Center: None   
 CIS Program Subcategory: Roadway Preservation CIS Program Category: Road Assets   
 Project Manager: Polachak, Amy IPD:   
 Mileposts: N/A Sponsor: NJDOT   
 Improvement Type: Roadway Rehabilitation **Mapped: N**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	NHPP	1.401				5.000	5.000	24.000	24.000	24.000		
<b>Fiscal Year Total</b>		<b>1.401</b>				<b>5.000</b>	<b>5.000</b>	<b>24.000</b>	<b>24.000</b>	<b>24.000</b>		
<b>Total First Four Years:</b>				<b>1.401</b>	<b>Total Later Fiscal Years:</b>				<b>82.000</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

#### DB# D0406 RideECO Mass Marketing Efforts--New Jersey

AQCODE: A1

This program expands outreach to the general public about the benefits of using transit and the TransitChek Program, focusing on southern New Jersey media outlets. This program seeks to reinforce rider and employer directed advertising and also to reach beyond those traditional markets in order to attract more riders to area transit services. TransitChek is a commuter benefit program offered by participating employers and provides vouchers that can be used to purchase passes, tickets or tokens for transit fares.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: Mike Boyer 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	CMAQ	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>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
		<b>Total First Four Years: 0.000</b>				<b>Total Later Fiscal Years: 0.000</b>					

#### 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.

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	TA-B5K200K	0.527									
ERC	TA-PHILA	0.115									
ERC	TA-TRENTON	0.254									
<b>Fiscal Year Total</b>		<b>0.896</b>									
		<b>Total First Four Years: 0.896</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 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.

Three (3) TA-SA projects, totaling \$1.959 M, were approved by the April 22, 2021 DVRPC Board for the DVRPC NJ region: \$440,000 for Edgewater Park Township's Heritage Trail Shared-Use Path and On-Road Improvements in Burlington County \$1 million for Camden County's Cooper River Bike/Ped Bridge Project at North Park Drive and Route 130 in Pennsauken Township \$519,000 for the City of Trenton's Greenwood Avenue Streetscape Project in Mercer County

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	TA-PHILA	1.135	1.142	1.149	1.157	1.164	1.171	1.179	1.187	1.194	1.202
ERC	TA-TRENTON	0.292	0.294	0.296	0.298	0.300	0.302	0.304	0.306	0.308	0.310
<b>Fiscal Year Total</b>		<b>1.427</b>	<b>1.436</b>	<b>1.446</b>	<b>1.455</b>	<b>1.464</b>	<b>1.473</b>	<b>1.483</b>	<b>1.492</b>	<b>1.502</b>	<b>1.512</b>
		<b>Total First Four Years: 5.764</b>				<b>Total Later Fiscal Years: 8.926</b>					

#### 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: Cilurso, Karen

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	Local	0.150									
EC	STBGP-PHILA	0.705	0.105	0.680	0.105	0.680	0.105	0.680	0.105	0.680	0.105
<b>Fiscal Year Total</b>		<b>0.855</b>	<b>0.105</b>	<b>0.680</b>	<b>0.105</b>	<b>0.680</b>	<b>0.105</b>	<b>0.680</b>	<b>0.105</b>	<b>0.680</b>	<b>0.105</b>
		<b>Total First Four Years: 1.745</b>				<b>Total Later Fiscal Years: 2.355</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

#### 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: CIS Program Category: Congestion Relief

Project Manager: Fields, Zenobia 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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>			

#### DB# D2004 Transportation Operations

AQCODE: X2

The project focuses on proactively managing the transportation system by addressing recurring and non-recurring 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.

CMP:

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category:

Project Manager: IPD:

Mileposts: Sponsor: DVRPC

Improvement Type: Local Project: Y Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
PRA	STBGP-PHILA	0.130	0.130									
<b>Fiscal Year Total</b>		<b>0.130</b>	<b>0.130</b>									
<b>Total First Four Years:</b>				<b>0.260</b>	<b>Total Later Fiscal Years:</b>							

# DVRPC FY2020 TIP for New Jersey

## New Jersey Highway Program

Final Version

### Various

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

Planning Center: None

CIS Program Subcategory: Congestion Relief

CIS Program Category: Congestion Relief

Project Manager: Ward, John

IPD:

Mileposts: N/A

Sponsor: DVRPC

Improvement Type: Signal/ITS Improvements

Local Project: Y

Mapped: N

This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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:

128.853	96.050	107.722	90.452	104.895	109.059	109.419	129.178	129.561	158.344	
<b>Total First Four Years:</b>				<b>423.077</b>	<b>Total Later Fiscal Years:</b>				<b>740.455</b>	



## 8.2 Transit Projects: NJ TRANSIT



# DVRPC FY2020 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

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type:

Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC STATE	0.115	0.115	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
<b>Fiscal Year Total</b>	<b>0.115</b>	<b>0.115</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>0.690</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

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Bridge 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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC STATE	0.975	1.341	1.253	1.619	1.619	1.619	1.619	1.619	1.619	1.619
<b>Fiscal Year Total</b>	<b>0.975</b>	<b>1.341</b>	<b>1.253</b>	<b>1.619</b>	<b>1.619</b>	<b>1.619</b>	<b>1.619</b>	<b>1.619</b>	<b>1.619</b>	<b>1.619</b>
<b>Total First Four Years:</b>				<b>5.188</b>	<b>Total Later Fiscal Years:</b>				<b>9.715</b>	



# DVRPC FY2020 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	SECT 5339	2.857	0.279								
CAP	STATE	27.773	24.563	24.581	47.022	36.110	36.110	36.110	36.110	36.110	36.110
<b>Fiscal Year Total</b>		<b>30.630</b>	<b>24.842</b>	<b>24.581</b>	<b>47.022</b>	<b>36.110</b>	<b>36.110</b>	<b>36.110</b>	<b>36.110</b>	<b>36.110</b>	<b>36.110</b>
<b>Total First Four Years:</b>				<b>127.075</b>	<b>Total Later Fiscal Years:</b>						<b>216.660</b>

# DVRPC FY2020 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 system wide. 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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 FY2020 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
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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	SECT 5307	0.000	1.000									
ERC	SECT 5337	0.000	7.000									
ERC	SECT 5339		1.000		2.905	2.905	2.905	2.905	2.905	2.905	2.905	
ERC	STATE	1.134	1.134	1.134	4.584	4.584	4.584	4.584	4.584	4.584	4.584	
<b>Fiscal Year Total</b>		<b>1.134</b>	<b>10.134</b>	<b>1.134</b>	<b>7.489</b>	<b>7.489</b>	<b>7.489</b>	<b>7.489</b>	<b>7.489</b>	<b>7.489</b>	<b>7.489</b>	
<b>Total First Four Years:</b>				<b>19.890</b>	<b>Total Later Fiscal Years:</b>				<b>44.931</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

#### DB# T09 Bus Vehicle and Facility Maintenance/Capital Maintenance

AQCODE: M3

Funding is provided for acquisition/installation/rehabilitation of major components associated with capital equipment and facilities in accordance with Transportation Trust Fund requirements and expanded eligibility criteria.

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

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	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>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Total First Four Years:</b>				<b>0.000</b>	<b>Total Later Fiscal Years:</b>				<b>0.000</b>		

#### DB# T302 Camden-Glassboro Light Rail Line

AQCODE: 2045M

Funding is for the design, engineering, construction and other necessary initiatives or items to complete the proposed Camden-Glassboro Light Rail Line (GCL) project that would provide light rail passenger service to communities in Camden and Gloucester Counties along an existing freight rail line using diesel light rail vehicles. The proposed 18-mile alignment connects Glassboro and Camden along an active Conrail freight right-of-way.

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

Adding Subcorr(s): 2B, 7E, 11A, 11B, 11  
 Planning Center: Metropolitan Center; Town Center  
 CIS Program Category: Mass Transit Assets  
 IPD:  
 Sponsor: NJ TRANSIT

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	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 FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

#### DB# T68 Capital Program Implementation

**AQCODE:** NRS 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:**

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938
<b>Fiscal Year Total</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>4.938</b>	<b>4.938</b>
<b>Total First Four Years:</b>				<b>19.752</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.

**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:**

**Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	CASINO REVENUE	4.257	4.275	4.275	4.275	4.275	4.275	4.275	4.275	4.275	4.275
<b>Fiscal Year Total</b>		<b>4.257</b>	<b>4.275</b>	<b>4.275</b>	<b>4.275</b>	<b>4.275</b>	<b>4.275</b>	<b>4.275</b>	<b>4.275</b>	<b>4.275</b>	<b>4.275</b>
<b>Total First Four Years:</b>				<b>17.081</b>	<b>Total Later Fiscal Years:</b>				<b>25.649</b>		

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

#### DB# T16 Environmental Compliance

AQCODE: NRS

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:

Mapped: Y

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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:</b>				<b>2.760</b>	<b>Total Later Fiscal Years:</b>				<b>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, systemwide 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:

Mapped: Y

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	STATE	0.059	0.059	0.059	0.152	0.152	0.152	0.152	0.152	0.152	0.152	
<b>Fiscal Year Total</b>		<b>0.059</b>	<b>0.059</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>Total First Four Years:</b>				<b>0.328</b>	<b>Total Later Fiscal Years:</b>				<b>0.914</b>			

# DVRPC FY2020 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:

Mapped: Y

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	1.419	1.625	1.976	5.532	3.776	1.938	1.923	3.621	4.621	4.621
<b>Fiscal Year Total</b>		<b>1.419</b>	<b>1.625</b>	<b>1.976</b>	<b>5.532</b>	<b>3.776</b>	<b>1.938</b>	<b>1.923</b>	<b>3.621</b>	<b>4.621</b>	<b>4.621</b>
		<b>Total First Four Years: 10.552</b>				<b>Total Later Fiscal Years: 20.500</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:

Mapped: Y

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	2.000	2.000	2.690	4.990	4.990	4.990	4.990	4.990	4.990	4.990
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>2.000</b>	<b>2.690</b>	<b>4.990</b>	<b>4.990</b>	<b>4.990</b>	<b>4.990</b>	<b>4.990</b>	<b>4.990</b>	<b>4.990</b>
		<b>Total First Four Years: 11.680</b>				<b>Total Later Fiscal Years: 29.940</b>					

# DVRPC FY2020 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:

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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
CAP	SECT 5307	0.000	4.085									
CAP	SECT 5337	17.880	14.120									
CAP	STATE	0.446	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	0.297	
<b>Fiscal Year Total</b>		<b>18.326</b>	<b>18.502</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>37.420</b>	<b>Total Later Fiscal Years:</b>				<b>1.779</b>			

#### DB# T122 Miscellaneous

AQCODE: NRS

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:

Mapped: Y

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	STATE	1.035	0.713	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	
<b>Fiscal Year Total</b>		<b>1.035</b>	<b>0.713</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>1.978</b>	<b>Total Later Fiscal Years:</b>				<b>0.690</b>			



# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

**DB# T44**      **NEC Improvements**

AQCODE:    NRS

Funding is provided for improvements to the Northeast Corridor (NEC) to maintain state of good repair, increase capacity, and improve efficiency. Funding is provided for AMTRAK joint benefit projects and for NJ TRANSIT projects such as, Midline Loop in North Brunswick, New Jersey including associated track and station improvements; platform extensions; improvements at New York Penn Station; and yard improvements including but not limited to acquisition of properties and any items or services needed to support the acquisition.

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

Planning Center: None

CIS Program Subcategory:      System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type:

**Mapped: Y**

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	SECT 5307		26.385		0.723	0.166	0.920	0.920	0.224	0.224	0.224
ERC	SECT 5337		0.000		0.168	1.340	1.340	1.340	1.340	1.340	1.340
ERC	STATE				1.371	1.005	1.005	1.005	1.005	1.005	1.005
<b>Fiscal Year Total</b>			<b>26.385</b>		<b>2.262</b>	<b>2.511</b>	<b>3.265</b>	<b>3.265</b>	<b>2.569</b>	<b>2.569</b>	<b>2.569</b>
		<b>Total First Four Years:</b>		<b>28.647</b>	<b>Total Later Fiscal Years:</b>						<b>16.748</b>

# DVRPC FY2020 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:

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	SECT 5307	0.000										
ERC	STATE	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	0.516	
<b>Fiscal Year Total</b>		<b>0.516</b>	<b>0.516</b>	<b>0.516</b>	<b>0.516</b>	<b>0.516</b>	<b>0.516</b>	<b>0.516</b>	<b>0.516</b>	<b>0.516</b>	<b>0.516</b>	
<b>Total First Four Years:</b>				<b>2.065</b>	<b>Total Later Fiscal Years:</b>				<b>3.098</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:

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	STATE	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	
<b>Fiscal Year Total</b>		<b>0.384</b>	<b>0.384</b>	<b>0.384</b>	<b>0.384</b>	<b>0.384</b>	<b>0.384</b>	<b>0.384</b>	<b>0.384</b>	<b>0.384</b>	<b>0.384</b>	
<b>Total First Four Years:</b>				<b>1.536</b>	<b>Total Later Fiscal Years:</b>				<b>2.305</b>			

# DVRPC FY2020 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
		<b>\$0.000</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	SECT 5307	18.743	51.642	25.919	25.919	33.081	33.081	33.081	33.081	33.081	33.081
<b>Fiscal Year Total</b>		<b>18.743</b>	<b>51.642</b>	<b>25.919</b>	<b>25.919</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>122.222</b>	<b>Total Later Fiscal Years:</b>					<b>198.488</b>	

# DVRPC FY2020 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

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type:

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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
CAP	SECT 5307	6.557	2.615	6.165	6.165	4.340	4.340	4.340	4.340	4.340	4.340	
CAP	SECT 5337	4.986	24.380	9.555	9.555	9.555	9.555	9.555	9.555	9.555	9.555	
<b>Fiscal Year Total</b>		<b>11.543</b>	<b>26.995</b>	<b>15.720</b>	<b>15.720</b>	<b>13.895</b>	<b>13.895</b>	<b>13.895</b>	<b>13.895</b>	<b>13.895</b>	<b>13.895</b>	
<b>Total First Four Years:</b>				<b>69.978</b>	<b>Total Later Fiscal Years:</b>				<b>83.368</b>			

#### DB# T106 Private Carrier Equipment Program

AQCODE: M1

This program provides State funds for the Private Carrier Capital Improvement Program.

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	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
CAP	STATE	0.920	0.920	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	
<b>Fiscal Year Total</b>		<b>0.920</b>	<b>0.920</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>3.220</b>	<b>Total Later Fiscal Years:</b>				<b>4.140</b>			

# DVRPC FY2020 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. 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 Planning Center: None

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

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

Improvement Type: Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	STATE	5.790	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>5.790</b>
		<b>Total First Four Years: 23.159</b>				<b>Total Later Fiscal Years: 34.738</b>					

#### DB# T53G Rail Fleet Overhaul

AQCODE: M3

This program provides funds for the mid-life overhaul and reliability/safety improvements of rail cars based on manufacturer recommendations and other rolling stock modifications to meet recently issued FRA and APTA mandated standards.

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: Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CAP	STATE	0.564									
<b>Fiscal Year Total</b>		<b>0.564</b>									
		<b>Total First Four Years: 0.564</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 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 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 Multi-Level Coaches and Multi-Level EMU vehicles. For the CMAQ justification see "CMAQ Report for NJ TRANSIT".

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
2019	CMAQ	\$0.000
2019	SECT 5307	\$0.000
		<b>\$0.000</b>

**TIP Program Years (In Millions)**

**Later Fiscal Years (In Millions)**

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
CAP	CMAQ	4.395		0.000			3.750	4.395	4.395	4.395	4.395	
CAP	SECT 5307	14.573	50.677	3.741	3.338	4.395	4.395	4.395	4.395	4.395	4.395	
CAP	SECT 5337			0.369								
CAP	STATE	4.037	8.092	13.904	5.544	9.899	8.786	10.192	10.192	10.192	10.192	
<b>Fiscal Year Total</b>		<b>23.005</b>	<b>58.769</b>	<b>18.014</b>	<b>8.882</b>	<b>14.294</b>	<b>16.931</b>	<b>18.982</b>	<b>18.982</b>	<b>18.982</b>	<b>18.982</b>	
<b>Total First Four Years:</b>				<b>108.670</b>	<b>Total Later Fiscal Years:</b>				<b>107.155</b>			

# DVRPC FY2020 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.

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: **Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC STATE	0.373	0.373	0.391	0.391	0.391	0.391	0.391	0.391	0.391	0.391
<b>Fiscal Year Total</b>	<b>0.373</b>	<b>0.373</b>	<b>0.391</b>	<b>0.391</b>	<b>0.391</b>	<b>0.391</b>	<b>0.391</b>	<b>0.391</b>	<b>0.391</b>	<b>0.391</b>
<b>Total First Four Years:</b>				<b>1.529</b>	<b>Total Later Fiscal Years:</b>				<b>2.346</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 Planning Center: None

CIS Program Subcategory: CIS Program Category: Transportation Support Facilities

Project Manager: IPD:

Mileposts: N/A Sponsor: NJ TRANSIT

Improvement Type: **Mapped: Y**

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC STATE	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059	0.059
<b>Fiscal Year Total</b>	<b>0.059</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>0.059</b>
<b>Total First Four Years:</b>				<b>0.234</b>	<b>Total Later Fiscal Years:</b>				<b>0.352</b>	

# DVRPC FY2020 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:

Mapped: Y

#### Unobligated Prior Year Funding

Year	Fund	Cost
2019	CMAQ	\$0.000
2019	SECT 5310	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
CAP	CMAQ	0.994										
CAP	SECT 5310	1.679	1.679	1.679	1.679	1.679	1.679	1.679	1.679	1.679	1.679	
CAP	STATE	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	
<b>Fiscal Year Total</b>		<b>3.018</b>	<b>2.024</b>	<b>2.024</b>	<b>2.024</b>	<b>2.024</b>	<b>2.024</b>	<b>2.024</b>	<b>2.024</b>	<b>2.024</b>	<b>2.024</b>	
<b>Total First Four Years:</b>				<b>9.090</b>	<b>Total Later Fiscal Years:</b>				<b>12.144</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.

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:

Mapped: Y

#### Unobligated Prior Year Funding

Year	Fund	Cost
2019	MATCH	\$0.000
2019	SECT 5311	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	
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>1.449</b>	<b>1.449</b>	<b>1.449</b>	<b>1.449</b>	<b>1.449</b>	<b>1.449</b>	<b>1.449</b>	<b>1.449</b>	<b>1.449</b>	<b>1.449</b>	
<b>Total First Four Years:</b>				<b>5.796</b>	<b>Total Later Fiscal Years:</b>				<b>8.694</b>			



# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

#### DB# T508 Security Improvements

AQCODE: NRS

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:

Mapped: Y

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
SWI	STATE	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600
<b>Fiscal Year Total</b>		<b>0.600</b>	<b>0.600</b>	<b>0.600</b>	<b>0.600</b>	<b>0.600</b>	<b>0.600</b>	<b>0.600</b>	<b>0.600</b>	<b>0.600</b>	<b>0.600</b>
		<b>Total First Four Years: 2.401</b>				<b>Total Later Fiscal Years: 3.602</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 system wide 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 system wide, rehabilitation of system wide 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:

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645
<b>Fiscal Year Total</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>0.645</b>
		<b>Total First Four Years: 2.578</b>				<b>Total Later Fiscal Years: 3.868</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

DB# T630

SJ BRT/Avandale Park Ride

LRPID: X

AQCODE: 2025M

Funding during this TIP period will be 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:  
 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
2019	SECT 5339/5307	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	SECT 5339/5307	4.435	2.000								
<b>Fiscal Year Total</b>		<b>4.435</b>	<b>2.000</b>								
<b>Total First Four Years:</b>					<b>6.435</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	CMAQ	1.015										
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>1.431</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>2.678</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: 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
PLS	STATE	1.072	1.072	1.072	1.072	1.072	1.072	1.072	1.072	1.072	1.072	
<b>Fiscal Year Total</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>1.072</b>	<b>1.072</b>	
<b>Total First Four Years:</b>				<b>4.289</b>	<b>Total Later Fiscal Years:</b>				<b>6.433</b>			

# DVRPC FY2020 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:

Mapped: Y

This project contains ITS elements.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STATE	4.612	2.887	3.347	2.887	2.887	2.887	2.887	2.887	2.887	2.887	
<b>Fiscal Year Total</b>		<b>4.612</b>	<b>2.887</b>	<b>3.347</b>	<b>2.887</b>	<b>2.887</b>	<b>2.887</b>	<b>2.887</b>	<b>2.887</b>	<b>2.887</b>	<b>2.887</b>	
<b>Total First Four Years:</b>				<b>13.731</b>	<b>Total Later Fiscal Years:</b>				<b>17.319</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:

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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 FY2020 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. 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:

Mapped: Y

#### Unobligated Prior Year Funding

Year	Fund	Cost
2019	SECT 5307	\$0.000
2019	SECT 5337	\$0.000
2019	SECT 5339	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	SECT 5307	0.000	4.111	5.539	1.925	5.540	2.580	2.580	5.310	5.310	5.310
ERC	SECT 5312	0.020									
ERC	SECT 5337	1.868	4.411	1.391	1.391	1.391	1.391	1.391	1.391	1.391	1.391
ERC	SECT 5339	0.000	0.918	3.611	0.706	0.706	0.706	0.706	0.706	0.706	0.706
ERC	STP-TE	0.000	0.460	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
<b>Fiscal Year Total</b>		<b>1.888</b>	<b>9.900</b>	<b>10.771</b>	<b>4.252</b>	<b>7.868</b>	<b>4.908</b>	<b>4.908</b>	<b>7.638</b>	<b>7.638</b>	<b>7.638</b>
<b>Total First Four Years:</b>				<b>26.812</b>	<b>Total Later Fiscal Years:</b>						<b>40.596</b>

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### NJ TRANSIT

DB# T300

#### Transit Rail Initiatives

AQCODE: nrs

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:

Mapped: Y

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	STATE	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	
<b>Fiscal Year Total</b>		<b>0.058</b>	<b>0.058</b>	<b>0.058</b>	<b>0.058</b>	<b>0.058</b>	<b>0.058</b>	<b>0.058</b>	<b>0.058</b>	<b>0.058</b>	<b>0.058</b>	
<b>Total First Four Years:</b>				<b>0.230</b>	<b>Total Later Fiscal Years:</b>				<b>0.345</b>			

Total for Various:

149.920	263.355	131.340	152.601	154.548	153.141	155.176	158.909	159.909	159.909	
<b>Total First Four Years:</b>				<b>697.216</b>	<b>Total Later Fiscal Years:</b>				<b>941.592</b>	



## 8.3 Transit Projects: DRPA/PATCO



# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA

**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:

Municipalities: Planning Center: None  
 CIS Program Subcategory: CIS Program Category:  
 Project Manager: Mike Howard IPD:  
 Mileposts: Sponsor: DRPA  
 Improvement Type: Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	DRPA	0.000	0.900	0.600							
EC	SECT 5337	0.000	3.600	2.400							
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>4.500</b>	<b>3.000</b>							
<b>Total First Four Years:</b>				<b>7.500</b>	<b>Total Later Fiscal Years:</b>						

**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:

Municipalities: Planning Center: None  
 CIS Program Subcategory: CIS Program Category:  
 Project Manager: Nicole Ochroch IPD:  
 Mileposts: Sponsor: DRPA  
 Improvement Type: Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	DRPA			0.100	1.800						
EC	SECT 5337			0.400	7.200						
<b>Fiscal Year Total</b>				<b>0.500</b>	<b>9.000</b>						
<b>Total First Four Years:</b>				<b>9.500</b>	<b>Total Later Fiscal Years:</b>						



# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA

**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:

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category:

Project Manager: Ed Montgomery

IPD:

Mileposts:

Sponsor: DRPA

Improvement Type:

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	DRPA	0.000	0.300	0.200							
EC	SECT 5337	0.000	1.200	0.800							
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>1.500</b>	<b>1.000</b>							
<b>Total First Four Years:</b>				<b>2.500</b>	<b>Total Later Fiscal Years:</b>						

**Total for Camden:**

	0.000	6.000	4.500	9.000						
<b>Total First Four Years:</b>				<b>19.500</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

DB# DR046 DRPA - Rebuild PATCO Cars

AQCODE: M3 This project will provide for the replacement of PATCO's existing car fleet, through complete rebuilding of existing cars.

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

#### Unobligated Prior Year Funding

Year	Fund	Cost
2017	DRPA	\$0.000
2017	SECT 5307	\$0.000
2018	DRPA	\$0.000
2018	SECT 5307	\$0.000
2019	DRPA	\$0.000
2019	SECT 5307	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	DRPA	1.886	0.630								
EC	SECT 5307	7.544	2.518								
<b>Fiscal Year Total</b>		<b>9.430</b>	<b>3.148</b>								
		<b>Total First Four Years: 12.578</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

**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

#### Unobligated Prior Year Funding

Year	Fund	Cost
2017	DRPA	\$0.000
2017	SECT 5337	\$0.000
2018	DRPA	\$0.000
2018	SECT 5337	\$0.000
2019	DRPA	\$0.000
2019	SECT 5337	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	DRPA	0.860	0.400								
ERC	SECT 5337	3.440	1.600								
<b>Fiscal Year Total</b>		<b>4.300</b>	<b>2.000</b>								
<b>Total First Four Years:</b>				<b>6.300</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

DB# DR015 **Embankment, Fence, and Retaining Wall Restoration/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: 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

#### Unobligated Prior Year Funding

Year	Fund	Cost
2017	DRPA	\$0.000
2017	SECT 5307	\$0.000
2018	DRPA	\$0.000
2018	SECT 5307	\$0.000
2019	DRPA	\$0.000
2019	SECT 5307	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	DRPA	0.500	0.200								
ERC	SECT 5307	2.000	0.800								
<b>Fiscal Year Total</b>		<b>2.500</b>	<b>1.000</b>								
<b>Total First Four Years:</b>					<b>3.500</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

DB# D0906 Install Elevators, PATCO

AQCODE: M8 Installation of ADA compliant elevators at PATCO stations.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: Town Center

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

#### Unobligated Prior Year Funding

Year	Fund	Cost
2017	DRPA	\$0.000
2017	SECT 5337	\$0.000
2018	DRPA	\$0.000
2018	SECT 5337	\$0.000
2019	DRPA	\$0.000
2019	SECT 5337	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	DRPA	1.850	0.700								
EC	SECT 5337	7.400	2.800								
<b>Fiscal Year Total</b>		<b>9.250</b>	<b>3.500</b>								
<b>Total First Four Years:</b>				<b>12.750</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

**DB# DR044 Lindenwold Yard Tie Renewal, Lindenwold Viaduct, and Overall Improvements**

**AQCODE:** M9

This project includes the replacement of ties, rails and turnout components at Lindenwold Yard and replacement of direct fixation system, including track fasteners, anchors, concrete, and guard rail on Lindenwold viaducts. Also electrical systems and distribution of the third rail power within the yard will be modified and improved. Up to 4.5 miles of track and 53 turnouts will be replaced.

**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**

#### Unobligated Prior Year Funding

Year	Fund	Cost
2017	DRPA	\$0.000
2017	SECT 5337	\$0.000
2018	DRPA	\$0.000
2018	SECT 5337	\$0.000
2019	DRPA	\$0.000
2019	SECT 5337	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	DRPA	2.256									
ERC	SECT 5337	9.001									
<b>Fiscal Year Total</b>		<b>11.257</b>									
<b>Total First Four Years:</b>				<b>11.257</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

#### 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

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

This project may be suitable for ITS treatments.

#### Unobligated Prior Year Funding

Year	Fund	Cost
2018	DRPA	\$0.000
2018	SECT 5307	\$0.000
2019	DRPA	\$0.000
2019	SECT 5307	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	DRPA	0.400	0.960	0.900	0.600						
EC	SECT 5307	1.600	3.840	3.600	2.400						
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>4.800</b>	<b>4.500</b>	<b>3.000</b>						
<b>Total First Four Years:</b>					<b>14.300</b>	<b>Total Later Fiscal Years:</b>					

#### DB# DR1803 PATCO Station Platform Rehabilitation

LRPID: 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: DRPA/PATCO

CIS Program Category: Mass Transit Assets

Project Manager: DRPA/PATCO

IPD:

Mileposts: N/A

Sponsor: DRPA/PATCO

Improvement Type: Transit Improvements

Mapped: Y

#### Unobligated Prior Year Funding

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

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	DRPA	0.040	0.320	0.200	0.200	1.000	1.000	1.600	1.600	2.000	2.000
ERC	SECT 5307	0.160	1.280	0.800	0.800	4.000	4.000	6.400	6.400	8.000	8.000
<b>Fiscal Year Total</b>		<b>0.200</b>	<b>1.600</b>	<b>1.000</b>	<b>1.000</b>	<b>5.000</b>	<b>5.000</b>	<b>8.000</b>	<b>8.000</b>	<b>10.000</b>	<b>10.000</b>
<b>Total First Four Years:</b>					<b>3.800</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

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

NEW

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

Planning Center: None

CIS Program Subcategory:

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	DRPA				0.050	0.050	0.600	0.600	0.600		
CON	SECT 5307				0.200	0.200	2.400	2.400	2.400		
<b>Fiscal Year Total</b>					<b>0.250</b>	<b>0.250</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>		
<b>Total First Four Years:</b>					<b>0.250</b>	<b>Total Later Fiscal Years:</b>				<b>9.250</b>	

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

RETURN

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	DRPA								0.200	0.400	0.800
EC	SECT 5337								0.800	1.600	3.200
<b>Fiscal Year Total</b>									<b>1.000</b>	<b>2.000</b>	<b>4.000</b>
<b>Total First Four Years:</b>						<b>Total Later Fiscal Years:</b>				<b>7.000</b>	



# DVRPC FY2020 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

#### Unobligated Prior Year Funding

Year	Fund	Cost
2017	DRPA	\$0.000
2017	SECT 5307	\$0.000
2017	SECT 5337	\$0.000
2017	SECT 5340	\$0.000
2018	DRPA	\$0.000
2018	SECT 5307	\$0.000
2018	SECT 5337	\$0.000
2018	SECT 5340	\$0.000
2019	DRPA	\$0.000
2019	SECT 5307	\$0.000
2019	SECT 5337	\$0.000
2019	SECT 5340	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	DRPA	0.877	1.090	0.395	0.395	0.395	0.395	0.395	0.395	0.395	0.395	
ERC	SECT 5307	1.815	0.900	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	
ERC	SECT 5337	0.600	2.757	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	
ERC	SECT 5340	1.088	0.708	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280	
<b>Fiscal Year Total</b>		<b>4.380</b>	<b>5.455</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>13.785</b>	<b>Total Later Fiscal Years:</b>				<b>11.850</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

DB# D1912      **Rehabilitation of PATCO Bridges**      LRPID: FB      *NEW*

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	DRPA			0.200	0.200	1.000	1.000	0.800	0.800	0.800	
ERC	SECT 5337			0.800	0.800	4.000	4.000	3.200	3.200	3.200	
<b>Fiscal Year Total</b>				<b>1.000</b>	<b>1.000</b>	<b>5.000</b>	<b>5.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	
				<b>Total First Four Years:</b>	<b>2.000</b>	<b>Total Later Fiscal Years:</b>				<b>22.000</b>	

# DVRPC FY2020 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.

#### Unobligated Prior Year Funding

Year	Fund	Cost
2017	DRPA	\$0.000
2017	SECT 5337	\$0.000
2018	DRPA	\$0.000
2018	SECT 5337	\$0.000
2019	DRPA	\$0.000
2019	SECT 5337	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	DRPA	0.946	0.877	0.700							
ERC	SECT 5337	3.786	3.507	2.800							
<b>Fiscal Year Total</b>		<b>4.732</b>	<b>4.384</b>	<b>3.500</b>							
<b>Total First Four Years:</b>					<b>12.616</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

DB# DR1801 Reopening of Franklin Square

LRPID: 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

#### Unobligated Prior Year Funding

Year	Fund	Cost
2018	DRPA	\$0.000
2018	SECT 5337	\$0.000
2019	DRPA	\$0.000
2019	SECT 5337	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	DEMO	0.000	12.580								
ERC	DRPA	0.000	13.623	0.000	0.000						
ERC	SECT 5337	0.000	4.171	0.000	0.000						
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>30.374</b>	<b>0.000</b>	<b>0.000</b>						
<b>Total First Four Years:</b>				<b>30.374</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2020 TIP for New Jersey

## New Jersey Transit Program

Final Version

### DRPA/PATCO

**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

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

This project may be suitable for ITS treatments.

#### Unobligated Prior Year Funding

Year	Fund	Cost
2017	DRPA	\$0.000
2017	SECT 5337	\$0.000
2018	DRPA	\$0.000
2018	SECT 5337	\$0.000
2019	DRPA	\$0.000
2019	SECT 5337	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	DRPA	0.240	0.200	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	
ERC	SECT 5337	0.960	0.800	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	
<b>Fiscal Year Total</b>		<b>1.200</b>	<b>1.000</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>3.200</b>	<b>Total Later Fiscal Years:</b>				<b>3.000</b>			

# DVRPC FY2020 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

#### Unobligated Prior Year Funding

Year	Fund	Cost
2018	DRPA	\$0.000
2018	SECT 5337	\$0.000
2019	DRPA	\$0.000
2019	SECT 5337	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	DRPA	0.400	0.500	0.600	0.550	0.800	0.400					
ERC	SECT 5337	1.600	2.000	2.400	2.200	3.200	1.600					
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>2.500</b>	<b>3.000</b>	<b>2.750</b>	<b>4.000</b>	<b>2.000</b>					
<b>Total First Four Years:</b>				<b>10.250</b>	<b>Total Later Fiscal Years:</b>				<b>6.000</b>			

# DVRPC FY2020 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

#### Unobligated Prior Year Funding

Year	Fund	Cost
2017	DRPA	\$0.000
2017	SECT 5307	\$0.000
2018	DRPA	\$0.000
2018	SECT 5307	\$0.000
2019	DRPA	\$0.000
2019	SECT 5307	\$0.000
		<b>\$0.000</b>

#### TIP Program Years (In Millions)

#### Later Fiscal Years (In Millions)

Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	DRPA	0.042	0.028	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014
ERC	SECT 5307	0.168	0.112	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056
<b>Fiscal Year Total</b>		<b>0.210</b>	<b>0.140</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>0.490</b>	<b>Total Later Fiscal Years:</b>					<b>0.420</b>

#### Total for Various:

51.459	59.901	15.545	10.545	16.795	17.545	17.545	18.545	18.545	16.545	
<b>Total First Four Years:</b>				<b>137.450</b>	<b>Total Later Fiscal Years:</b>					<b>105.520</b>



## 8.4 Statewide Programs





# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

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

AQCODE: NRS

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: Akpu, Victor

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)						
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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# 13303 Active Traffic Management System (ATMS)

AQCODE: X1

This program will provide funding for the deployment program for the first Active Traffic management System (ATMS) in the State including all phases of design. This program will include funding for the complete delivery of the Final Design document for Active Traffic Management System (ATMS) for a candidate highway (I-80, I-295 or I-78). The design document will be used to deploy and carry out the actual construction of this technology for automatic operation and handling of traffic.

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)						
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC CMAQ	3.000	1.000									
<b>Fiscal Year Total</b>	<b>3.000</b>	<b>1.000</b>									
<b>Total First Four Years:</b>				<b>4.000</b>	<b>Total Later Fiscal Years:</b>						

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
ERC	STBGP-FLEX	3.020	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>5.020</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>3.000</b>	<b>3.000</b>
		<b>Total First Four Years: 14.020</b>				<b>Total Later Fiscal Years: 18.000</b>					

#### DB# 19315 Aeronautics UAS Program

NEW

AQCODE: NRS

This program provides funding for NJDOT's Unmanned Aircraft System (UAS) program, including but not limited to; staff training, equipment purchasing, attending UAS related conferences, UAS research, purchasing hardware and software, travel expenses, staff support and consultant services.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Airport Assets

Project Manager: Stott, Glenn

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type:

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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: 2.000</b>				<b>Total Later Fiscal Years: 3.000</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# 08415 Airport Improvement Program

AQCODE: NRS

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 education and promotion programs, 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: Patel, Ashwin

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	STATE	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
<b>Fiscal Year Total</b>		<b>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>4.000</b>	
<b>Total First Four Years:</b>				<b>16.000</b>	<b>Total Later Fiscal Years:</b>				<b>24.000</b>			

#### 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STBGP-FLEX	0.300	0.100	0.300	0.100	0.300	0.100	0.300	0.100	0.300	0.100	
<b>Fiscal Year Total</b>		<b>0.300</b>	<b>0.100</b>	<b>0.300</b>	<b>0.100</b>	<b>0.300</b>	<b>0.100</b>	<b>0.300</b>	<b>0.100</b>	<b>0.300</b>	<b>0.100</b>	
<b>Total First Four Years:</b>				<b>0.800</b>	<b>Total Later Fiscal Years:</b>				<b>1.200</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# X72B Betterments, Roadway Preservation

AQCODE: NRS

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: Longworth, Jack / McCoy, Kurt

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STATE	20.000	18.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	
<b>Fiscal Year Total</b>		<b>20.000</b>	<b>18.000</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>	
<b>Total First Four Years:</b>				<b>78.000</b>	<b>Total Later Fiscal Years:</b>				<b>120.000</b>			

#### DB# X72C Betterments, Safety

AQCODE: NRS

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: Longworth, Jack

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STATE	16.000	16.000	16.000	16.000	16.000	16.000	16.000	16.000	16.000	16.000	
<b>Fiscal Year Total</b>		<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	
<b>Total First Four Years:</b>				<b>64.000</b>	<b>Total Later Fiscal Years:</b>				<b>96.000</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

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

AQCODE: NRS

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 and safety. This program includes addressing bicycle, pedestrian, transit and ADA travel needs through the development of improvements on state, county and local system either by independent capital projects or through grants to counties and municipalities. Projects must make full consideration for the needs of all users.

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.

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	CMAQ	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	
ERC	STATE	4.000	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>7.000</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:</b>				<b>19.000</b>	<b>Total Later Fiscal Years:</b>				<b>24.000</b>			

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

NEW

AQCODE: NRS

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:

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STATE	0.300	0.200	0.450	0.100	0.400	0.250	0.450	0.150	0.400	0.250	
<b>Fiscal Year Total</b>		<b>0.300</b>	<b>0.200</b>	<b>0.450</b>	<b>0.100</b>	<b>0.400</b>	<b>0.250</b>	<b>0.450</b>	<b>0.150</b>	<b>0.400</b>	<b>0.250</b>	
<b>Total First Four Years:</b>				<b>1.050</b>	<b>Total Later Fiscal Years:</b>				<b>1.900</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### 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.

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	NHPP	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	24.000	
ERC	STBGP-OS-BRDG	1.000	1.000	1.000	1.000	1.000	5.000	5.544	5.497	5.497	5.497	
<b>Fiscal Year Total</b>		<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>9.000</b>	<b>9.544</b>	<b>9.497</b>	<b>9.497</b>	<b>29.497</b>	
<b>Total First Four Years:</b>				<b>20.000</b>	<b>Total Later Fiscal Years:</b>					<b>72.035</b>		

#### DB# 98315 Bridge Emergency Repair

AQCODE: NRS

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: Longworth, Jack

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STATE	83.000	83.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	85.000	
<b>Fiscal Year Total</b>		<b>83.000</b>	<b>83.000</b>	<b>85.000</b>	<b>85.000</b>	<b>85.000</b>	<b>85.000</b>	<b>85.000</b>	<b>85.000</b>	<b>85.000</b>	<b>85.000</b>	
<b>Total First Four Years:</b>				<b>336.000</b>	<b>Total Later Fiscal Years:</b>					<b>510.000</b>		

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	NHPP	12.900	9.900	11.900	11.900	11.900	11.900	11.900	11.900	11.900	11.900
EC	STBGP-FLEX	7.140	7.680	7.680	7.680	7.680	7.680	7.680	7.680	7.680	7.680
EC	STBGP-OS-BRDG	2.000	4.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
<b>Fiscal Year Total</b>		<b>22.040</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>21.580</b>	<b>21.580</b>	<b>21.580</b>
		<b>Total First Four Years: 86.780</b>				<b>Total Later Fiscal Years: 129.480</b>					

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

AQCODE: NRS

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.  
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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	8.800	6.900	6.900	6.900	6.900	6.900	6.900	6.900	6.900	7.000
<b>Fiscal Year Total</b>		<b>8.800</b>	<b>6.900</b>	<b>6.900</b>	<b>6.900</b>	<b>6.900</b>	<b>6.900</b>	<b>6.900</b>	<b>6.900</b>	<b>6.900</b>	<b>7.000</b>
		<b>Total First Four Years: 29.500</b>				<b>Total Later Fiscal Years: 41.500</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

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

AQCODE: NRS

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 / Zeleznock, Andrew

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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC STATE	28.500	28.500	28.500	28.500	28.500	28.500	28.500	28.500	28.500	28.500
<b>Fiscal Year Total</b>	<b>28.500</b>	<b>28.500</b>	<b>28.500</b>	<b>28.500</b>	<b>28.500</b>	<b>28.500</b>	<b>28.500</b>	<b>28.500</b>	<b>28.500</b>	<b>28.500</b>
<b>Total First Four Years:</b>				<b>114.000</b>	<b>Total Later Fiscal Years:</b>				<b>171.000</b>	

#### DB# 17357 Bridge Maintenance Fender Replacement

AQCODE: NRS

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: Miller, John

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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC NHPP	1.000	7.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000
ERC STBGP-FLEX	2.354	0.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>	<b>3.354</b>	<b>7.000</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>18.000</b>
<b>Total First Four Years:</b>				<b>46.354</b>	<b>Total Later Fiscal Years:</b>				<b>108.000</b>	



# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### 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: Miller, John

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	NHPP	1.000	1.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	
ERC	STBGP-FLEX	1.000	1.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>2.000</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>9.000</b>	
<b>Total First Four Years:</b>				<b>22.000</b>	<b>Total Later Fiscal Years:</b>				<b>54.000</b>			

#### DB# X70 Bridge Management System

AQCODE: NRS

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STBGP-FLEX	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	1.250	
<b>Fiscal Year Total</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>1.250</b>	<b>1.250</b>	<b>1.250</b>	<b>1.250</b>	
<b>Total First Four Years:</b>				<b>5.000</b>	<b>Total Later Fiscal Years:</b>				<b>7.500</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# 13323 Bridge Preventive Maintenance

AQCODE: NRS

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: Longworth, Jack / Miller, John

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	20S-STATE		10.000								
EC	NHPP	19.675	24.478	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000
EC	STATE	40.000	42.380	40.000	40.000	40.000	40.000	40.000	40.000	40.000	40.000
EC	STBGP-FLEX	23.820	42.225	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
<b>Fiscal Year Total</b>		<b>83.495</b>	<b>119.083</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>75.000</b>
<b>Total First Four Years:</b>				<b>352.578</b>	<b>Total Later Fiscal Years:</b>						<b>450.000</b>

#### 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: 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	NHPP	1.001	10.828	21.288	15.350	8.419	14.426	51.271	23.689	116.100	93.520
ERC	STATE	1.326	2.634	6.396	21.111	26.791	25.836	26.007	24.995	31.149	86.000
<b>Fiscal Year Total</b>		<b>2.327</b>	<b>13.462</b>	<b>27.684</b>	<b>36.461</b>	<b>35.210</b>	<b>40.262</b>	<b>77.278</b>	<b>48.684</b>	<b>147.249</b>	<b>179.520</b>
<b>Total First Four Years:</b>				<b>79.934</b>	<b>Total Later Fiscal Years:</b>						<b>528.203</b>

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# 98316 Bridge Scour Countermeasures

AQCODE: NRS

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

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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: 0.800</b>				<b>Total Later Fiscal Years: 1.200</b>					

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

AQCODE: NRS

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.

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	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: 8.000</b>				<b>Total Later Fiscal Years: 12.000</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# X180 Construction Inspection

AQCODE: NRS

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
<b>Fiscal Year Total</b>		<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>
		<b>Total First Four Years: 44.000</b>				<b>Total Later Fiscal Years: 66.000</b>					

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

AQCODE: NRS

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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	1.300	1.600	1.900	2.200	2.500	3.800	3.800	3.800	3.800	3.800
<b>Fiscal Year Total</b>		<b>1.300</b>	<b>1.600</b>	<b>1.900</b>	<b>2.200</b>	<b>2.500</b>	<b>3.800</b>	<b>3.800</b>	<b>3.800</b>	<b>3.800</b>	<b>3.800</b>
		<b>Total First Four Years: 7.000</b>				<b>Total Later Fiscal Years: 21.500</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# 09316 Culvert Replacement Program

AQCODE: NRS

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: Dalal, Jayant

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	STATE	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
ERC	STBGP-FLEX	1.000	1.000	1.000	1.000	2.000	2.000	2.000	2.000	2.000	2.000	
<b>Fiscal Year Total</b>		<b>5.000</b>	<b>5.000</b>	<b>5.000</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>Total First Four Years:</b>				<b>20.000</b>	<b>Total Later Fiscal Years:</b>				<b>36.000</b>			

#### DB# X142 DBE Supportive Services Program

AQCODE: NRS

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### 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 **Mapped: Y**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STBGP-FLEX	8.350	5.000	5.000	10.000	10.000	10.000	10.000			
<b>Fiscal Year Total</b>		<b>8.350</b>	<b>5.000</b>	<b>5.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>			
<b>Total First Four Years:</b>				<b>28.350</b>	<b>Total Later Fiscal Years:</b>				<b>30.000</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 Planning Center: None  
 Municipalities: 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE	17.000	16.000	17.000	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>18.000</b>	<b>17.000</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>18.000</b>
<b>Total First Four Years:</b>				<b>71.000</b>	<b>Total Later Fiscal Years:</b>				<b>108.000</b>		

# DVRPC FY2020 TIP for New Jersey

## 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: Dalal, Jayant

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE	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>Total First Four Years: 1.500</b>				<b>Total Later Fiscal Years: 2.000</b>					

#### DB# X197 Disadvantaged Business Enterprise

AQCODE: NRS

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	1.000
<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>1.000</b>
		<b>Total First Four Years: 0.400</b>				<b>Total Later Fiscal Years: 1.500</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# X154D Drainage Rehabilitation & Improvements

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

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Longworth, Jack / Miller, John

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STBGP-FLEX	13.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	
<b>Fiscal Year Total</b>		<b>13.000</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>15.000</b>	<b>15.000</b>	
<b>Total First Four Years:</b>				<b>58.000</b>	<b>Total Later Fiscal Years:</b>				<b>90.000</b>			

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

AQCODE: NRS 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

Municipalities:

Planning Center: None

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Longworth, Jack / Miller, John

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STATE	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	
<b>Fiscal Year Total</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>15.000</b>	<b>15.000</b>	<b>15.000</b>	
<b>Total First Four Years:</b>				<b>60.000</b>	<b>Total Later Fiscal Years:</b>				<b>90.000</b>			



# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# X241 Electrical Facilities

AQCODE: NRS

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: Longworth, Jack / Black, Daniel

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	7.000	7.000	7.000	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>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>7.000</b>
<b>Total First Four Years:</b>				<b>28.000</b>	<b>Total Later Fiscal Years:</b>				<b>42.000</b>		

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

AQCODE: NRS

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: Longworth, Jack / Black, Daniel

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	5.000	5.300	5.620	5.960	6.310	6.690	7.100	7.520	7.970	7.970
<b>Fiscal Year Total</b>		<b>5.000</b>	<b>5.300</b>	<b>5.620</b>	<b>5.960</b>	<b>6.310</b>	<b>6.690</b>	<b>7.100</b>	<b>7.520</b>	<b>7.970</b>	<b>7.970</b>
<b>Total First Four Years:</b>				<b>21.880</b>	<b>Total Later Fiscal Years:</b>				<b>43.560</b>		

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### 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

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	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: 6.000</b>				<b>Total Later Fiscal Years: 9.000</b>					

#### 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

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	7.500	6.000	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>6.000</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>7.500</b>
		<b>Total First Four Years: 28.500</b>				<b>Total Later Fiscal Years: 45.000</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# 03309 Environmental Project Support

AQCODE: X1

This program provides for environmental services for the following activities: Land Use Regulation Program permit and preparation payments; ecological surveys and studies; wetland delineations; wetland mitigation monitoring; wetland mitigation remediation; cultural resources mitigation; hazardous waste investigations and studies and payments; asbestos surveys and abatement; hydrology/hydraulic investigations and studies, permits and payments; air/noise studies; 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	STATE	1.000	1.000	1.100	1.100	1.100	1.100	1.100	1.100	1.100	1.100	
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>1.000</b>	<b>1.100</b>	<b>1.100</b>	<b>1.100</b>	<b>1.100</b>	<b>1.100</b>	<b>1.100</b>	<b>1.100</b>	<b>1.100</b>	
<b>Total First Four Years:</b>				<b>4.200</b>	<b>Total Later Fiscal Years:</b>				<b>6.600</b>			

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

AQCODE: NRS

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: Davis, Mike / 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STATE	25.000	24.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	
<b>Fiscal Year Total</b>		<b>25.000</b>	<b>24.000</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>25.000</b>	
<b>Total First Four Years:</b>				<b>99.000</b>	<b>Total Later Fiscal Years:</b>				<b>150.000</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

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

AQCODE: NRS

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:

CIS Program Category: Transportation Support Facilities

Project Manager: Davis, Mike / 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STATE	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	
<b>Fiscal Year Total</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>5.000</b>	
<b>Total First Four Years:</b>				<b>20.000</b>	<b>Total Later Fiscal Years:</b>				<b>30.000</b>			

#### DB# 00377 Ferry Program

AQCODE: NRS

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.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	FBP	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
<b>Fiscal Year Total</b>		<b>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>4.000</b>	
<b>Total First Four Years:</b>				<b>16.000</b>	<b>Total Later Fiscal Years:</b>				<b>24.000</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

**DB# X201**      **Guiderail Upgrade**      **NEW**

**AQCODE:** NRS      This program will provide funding for the design and construction of guide rail replacement, statewide. Upgrade and replace guide rail to meet current standards.

**CMP:** Not SOV Capacity Adding

**Municipalities:**

Planning Center: None

**CIS Program Subcategory:** Safety

CIS Program Category: Road Assets

**Project Manager:** Shah, Samir

IPD:

**Mileposts:** N/A

Sponsor: NJDOT

**Improvement Type:**

**Mapped: Y**

**TIP Program Years (In Millions)**

**Later Fiscal Years (In Millions)**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	NHPP	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
EC	STATE	2.500	1.000	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	
EC	STBGP-FLEX		2.673									
<b>Fiscal Year Total</b>		<b>3.500</b>	<b>3.673</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>14.173</b>	<b>Total Later Fiscal Years:</b>				<b>21.000</b>			

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

**AQCODE:** NRS      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:**

IPD:

**Mileposts:** N/A

Sponsor: NJDOT

**Improvement Type:**

**Mapped: Y**

**TIP Program Years (In Millions)**

**Later Fiscal Years (In Millions)**

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

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

AQCODE: NRS

This item consists of two programs: Safety Management System (SMS) safety improvement projects 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 safe corridors and intersection improvement programs in an effort to reduce crashes and crash severity on New Jersey's roadways. Safe Corridor Program currently includes portions of Rt. 1, 9, 22, 40, 46, 47, 73 and 206. The Intersection Improvement Program includes right angle, left turn, same direction and pedestrian crash intersection locations. 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.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Safety Management

Project Manager:

Zajac, Krzysztof

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
PLS	HSIP	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
<b>Fiscal Year Total</b>		<b>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>4.000</b>	
<b>Total First Four Years:</b>				<b>16.000</b>	<b>Total Later Fiscal Years:</b>				<b>24.000</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

**DB# 15343 Intelligent Traffic Signal Systems**

AQCODE: NRS

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.

FY20 ITSS projects:

- Rt. 29, Rt. 295 to Sullivan Way, Intelligent Traffic Signal Systems
- Rt. 38, Rt. 70 to Union Mill Road, Intelligent Traffic Signal Systems
- Rt. 1&9, Rt. 35 to North Street, Intelligent Traffic Signal Systems
- Rt. 1T and Rt. 440, Intelligent Traffic Signal Systems
- Rt. 73 Haddonfield Rd (CR644) Intelligent Traffic Signal Systems
- Rt. 18, Paulus Blvd to Rt. 287 SB Ramp, Intelligent Traffic Signal Systems

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	CMAQ	20.000	10.000	10.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000
<b>Fiscal Year Total</b>		<b>20.000</b>	<b>10.000</b>	<b>10.000</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>		

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

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

AQCODE: NRS

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>		<b>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>4.000</b>
		<b>Total First Four Years: 16.000</b>				<b>Total Later Fiscal Years: 24.000</b>					

#### DB# X151 Interstate Service Facilities

AQCODE: NRS

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	0.525	0.552	0.580	0.610	0.640	0.675	0.705	0.740	0.776	0.815
<b>Fiscal Year Total</b>		<b>0.525</b>	<b>0.552</b>	<b>0.580</b>	<b>0.610</b>	<b>0.640</b>	<b>0.675</b>	<b>0.705</b>	<b>0.740</b>	<b>0.776</b>	<b>0.815</b>
		<b>Total First Four Years: 2.267</b>				<b>Total Later Fiscal Years: 4.351</b>					



# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

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

AQCODE: NRS

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 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: Longworth, Jack / Miller, John

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	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: 40.000</b>				<b>Total Later Fiscal Years: 60.000</b>					

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

AQCODE: NRS

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600
<b>Fiscal Year Total</b>		<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>
		<b>Total First Four Years: 6.400</b>				<b>Total Later Fiscal Years: 8.000</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

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

AQCODE: NRS

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)						
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC STATE	0.200	0.200	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	
<b>Fiscal Year Total</b>	<b>0.200</b>	<b>0.200</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>0.600</b>	<b>Total Later Fiscal Years:</b>				<b>0.600</b>		

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

AQCODE: NRS

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)						
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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>		

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

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

*NEW*

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:

**Mapped: Y**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	22.600	22.600	22.600	22.600	22.600	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>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>Total First Four Years: 90.400</b>				<b>Total Later Fiscal Years: 125.100</b>					

**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**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	47.300	47.300	47.300	47.300	47.300	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>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>Total First Four Years: 189.200</b>				<b>Total Later Fiscal Years: 267.300</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### 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: Broccoleri, 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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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>		

#### DB# X98Z Local Municipal Aid, Urban Aid

AQCODE: NRS

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: Broccoleri, 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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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>		

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# X196 Maintenance & Fleet Management System

AQCODE: NRS

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: Davis, Mike / 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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# 01309 Maritime Transportation System

AQCODE: NRS

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000
<b>Fiscal Year Total</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>15.000</b>	<b>15.000</b>	<b>15.000</b>
		<b>Total First Four Years: 60.000</b>				<b>Total Later Fiscal Years: 90.000</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

**DB# 07332 Minority and Women Workforce Training Set Aside**

AQCODE: NRS

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

**Final Version**

### Various

**DB# 13306 Mobility and Systems Engineering Program**

AQCODE: NRS

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	NHPP	10.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	
EC	STATE	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	
EC	STBGP-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>13.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	<b>11.000</b>	
<b>Total First Four Years:</b>				<b>46.000</b>	<b>Total Later Fiscal Years:</b>				<b>66.000</b>			



# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# X233 Motor Vehicle Crash Record Processing

AQCODE: NRS

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: Zajac, Krzysztof 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	HSIP	2.500	2.500	2.500	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>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>2.500</b>	
<b>Total First Four Years:</b>				<b>10.000</b>	<b>Total Later Fiscal Years:</b>				<b>15.000</b>			

#### DB# X34 New Jersey Rail Freight Assistance Program

AQCODE: NRS

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: Patel, Ashwin 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STATE	25.000	25.000	25.000	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>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>25.000</b>	
<b>Total First Four Years:</b>				<b>100.000</b>	<b>Total Later Fiscal Years:</b>				<b>150.000</b>			



# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# X200C New Jersey Scenic Byways Program

AQCODE: NRS

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 planning, design, development, marketing and implementation of the complete set of byways within the state program. This includes but is not limited to research leading to the development of themes for byways on a statewide basis; technical assistance to specifically provide awareness and education about the 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 stronger partnerships between the byways and other groups that can assist them in sustaining and promoting their byways.

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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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: Longworth, Jack / Miller, John 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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC STATE	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>	<b>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>4.000</b>
<b>Total First Four Years:</b>				<b>16.000</b>	<b>Total Later Fiscal Years:</b>				<b>24.000</b>	

# DVRPC FY2020 TIP for New Jersey

## 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: Bremer-Nei, Elise

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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# X29 Physical Plant

AQCODE: NRS

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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	10.000	24.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000
<b>Fiscal Year Total</b>		<b>10.000</b>	<b>24.000</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>25.000</b>
		<b>Total First Four Years: 84.000</b>				<b>Total Later Fiscal Years: 150.000</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### 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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PLS	LTAP	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
PLS	SPR	22.509	23.509	22.509	22.509	22.509	22.509	22.509	22.509	22.509	22.509
PLS	STBGP-FLEX	18.300	17.913	19.226	19.289	19.352	19.415	19.478	19.541	19.604	19.667
<b>Fiscal Year Total</b>		<b>40.959</b>	<b>41.572</b>	<b>41.885</b>	<b>41.948</b>	<b>42.011</b>	<b>42.074</b>	<b>42.137</b>	<b>42.200</b>	<b>42.263</b>	<b>42.326</b>
		<b>Total First Four Years: 166.364</b>				<b>Total Later Fiscal Years: 253.011</b>					

#### 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# X135 Pre-Apprenticeship Training Program for Minorities and Women

AQCODE: NRS

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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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# X10 Program Implementation Costs, NJDOT

AQCODE: NRS

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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC STATE	104.040	104.210	108.240	110.410	112.620	114.870	117.170	119.510	121.900	124.340
<b>Fiscal Year Total</b>	<b>104.040</b>	<b>104.210</b>	<b>108.240</b>	<b>110.410</b>	<b>112.620</b>	<b>114.870</b>	<b>117.170</b>	<b>119.510</b>	<b>121.900</b>	<b>124.340</b>
<b>Total First Four Years:</b>				<b>426.900</b>	<b>Total Later Fiscal Years:</b>				<b>710.410</b>	

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

DB# X10A Program Implementation Costs, Staff Augmentation NEW

AQCODE: NRS 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: Stevenson, Debbie IPD:  
 Mileposts: N/A Sponsor: NJDOT  
 Improvement Type: Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC STATE	15.000	8.000	5.000	3.000						
<b>Fiscal Year Total</b>	<b>15.000</b>	<b>8.000</b>	<b>5.000</b>	<b>3.000</b>						
<b>Total First Four Years:</b>				<b>31.000</b>	<b>Total Later Fiscal Years:</b>					

DB# 10344 Project Development: Concept Development and Preliminary Engineering

AQCODE: NRS 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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CD STATE	5.000	4.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
<b>Fiscal Year Total</b>	<b>5.000</b>	<b>4.000</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>19.000</b>	<b>Total Later Fiscal Years:</b> 30.000					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# 05341 Project Management & Reporting System (PMRS)

AQCODE: NRS

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 Reporting & Management System to manage projects from start to finish. PMRS will facilitate access by all parties, and allow collaborative 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: Grant, Sheryl

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE	2.380	1.130	1.130	1.130						
<b>Fiscal Year Total</b>		<b>2.380</b>	<b>1.130</b>	<b>1.130</b>	<b>1.130</b>						
		<b>Total First Four Years: 5.770</b>				<b>Total Later Fiscal Years:</b>					

#### DB# 17337 Project Management Improvement Initiative Support

AQCODE: NRS

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
DES	STATE	2.500	2.500	1.300	1.300						
<b>Fiscal Year Total</b>		<b>2.500</b>	<b>2.500</b>	<b>1.300</b>	<b>1.300</b>						
		<b>Total First Four Years: 7.600</b>				<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide 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 **Mapped: N**  
 This project may be suitable for ITS treatments.

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	RHC-B5K200K	1.715									
EC	RHC-FLEX	11.998	11.998	3.999							
EC	RHC-L5K	2.099									
<b>Fiscal Year Total</b>		<b>15.813</b>	<b>11.998</b>	<b>3.999</b>							
		<b>Total First Four Years: 31.810</b>			<b>Total Later Fiscal Years:</b>						

# DVRPC FY2020 TIP for New Jersey

## 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
CON	STATE	1.000	1.000	1.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>1.000</b>	<b>1.000</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>8.000</b>	<b>Total Later Fiscal Years:</b>				<b>30.000</b>			



# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### 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: Bremer-Nei, Elise/NJDEP, Parks & Forestry

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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>			

#### DB# X144 Regional Action Program

AQCODE: X9

This program funds low-cost, quick turn-around capital improvements accomplished under management of the NJDOT Office of Landscape Architecture and the Regional Director for Regional Operations in each of the NJDOT regions. Funding is also provided for small-scale landscape contracts 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: Kneidinger/Davis/Cowan/Sweger

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STATE	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 FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### 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: Longworth, Jack / McCoy, Kurt IPD:

Mileposts: N/A Sponsor: NJDOT

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

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC STBGP-FLEX	43.207	23.349	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000
<b>Fiscal Year Total</b>	<b>43.207</b>	<b>23.349</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>17.000</b>	<b>17.000</b>
<b>Total First Four Years:</b>			<b>100.556</b>	<b>Total Later Fiscal Years:</b>			<b>102.000</b>			

#### 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: Various Planning Center: None

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

Project Manager: Longworth, Jack / McCoy, Kurt IPD:

Mileposts: N/A Sponsor: NJDOT

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

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC STATE	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
<b>Fiscal Year Total</b>	<b>100.000</b>	<b>100.000</b>	<b>100.000</b>	<b>100.000</b>	<b>100.000</b>	<b>100.000</b>	<b>100.000</b>	<b>100.000</b>	<b>100.000</b>	<b>100.000</b>
<b>Total First Four Years:</b>			<b>400.000</b>	<b>Total Later Fiscal Years:</b>			<b>600.000</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide 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.

CMP: Not SOV Capacity Adding  
 Municipalities: Various Planning Center: None  
 CIS Program Subcategory: Roadway Preservation CIS Program Category: Road Assets  
 Project Manager: Polachak, Amy IPD:  
 Mileposts: N/A Sponsor: NJDOT  
 Improvement Type: Roadway Rehabilitation Mapped: N

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC NHPP	1.000	1.000	1.000	1.000	1.000	1.000	1.000	10.000	10.000	10.000
<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>10.000</b>	<b>10.000</b>	<b>10.000</b>
<b>Total First Four Years: 4.000</b>				<b>Total Later Fiscal Years: 33.000</b>						

#### DB# 05339 Right of Way Database/Document Management System

AQCODE: NRS

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: Akpu, Victor IPD:  
 Mileposts: N/A Sponsor: NJDOT  
 Improvement Type: Other Mapped: Y

Phase Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC STATE	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>0.300</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>0.300</b>
<b>Total First Four Years: 1.200</b>				<b>Total Later Fiscal Years: 1.800</b>						

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# 05340 Right of Way Full-Service Consultant Term Agreements

AQCODE: NRS

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: Akpu, Victor

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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>			

#### DB# X152 Rockfall Mitigation

AQCODE: X13

This program funds engineering services and construction of projects to reduce the potential of rockfall onto highways, preventing safety problems which could potentially cause personal injury and/or property damage. This program will also fund the maintaining of the Rockfall Hazard Mitigation System (RHMS), which evaluates all highway rock cuts and identifies potential rockfall issues. These activities will be performed utilizing both in-house and consultant engineering services.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Safety

CIS Program Category: Safety Management

Project Manager: Dalal, Jayant

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	NHPP	16.000	14.000	6.000	7.000	3.000	7.000				13.000	
<b>Fiscal Year Total</b>		<b>16.000</b>	<b>14.000</b>	<b>6.000</b>	<b>7.000</b>	<b>3.000</b>	<b>7.000</b>				<b>13.000</b>	
<b>Total First Four Years:</b>				<b>43.000</b>	<b>Total Later Fiscal Years:</b>				<b>23.000</b>			

# DVRPC FY2020 TIP for New Jersey

## 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.

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	SRTS		3.452									
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>9.039</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>25.800</b>	<b>Total Later Fiscal Years:</b>				<b>33.522</b>			

#### 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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 FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

DB# 19370

#### Safety Programs

NEW-M

AQCODE: S6

This program uses Highway Safety Improvement Program (HSIP) funding to support eligible Safety Engineering Projects and Pedestrian Safety Improvement Projects, including engineering, ROW and Construction activities intended to reduce fatalities and serious injuries on New Jersey roadways. Examples of some of these improvements are: striping, signage, crosswalks, bus shelters, handicap ramps, bicycle accommodations, travel lane modifications, resurfacing, changes in accommodating "U" turns, pedestrian refuge islands, designing for mature drivers, corner modifications and innovative technology, pavement improvements, traffic control signals, roundabouts, road diets, protection or removal of fixed objects, utility pole relocation or replacement, and systemic approaches to installation of land and roadway departure technologies to prevent vehicles from leaving their respective lanes and causing crashes, injuries, and/or deaths. Improve safety on NJ roadway

CMP:

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Safety management

Project Manager: Polachak, Amy

IPD:

Mileposts:

Sponsor: NJDOT

Improvement Type:

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	HSIP	14.000	14.000	14.000	14.000	14.000	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>14.250</b>	<b>14.250</b>	<b>14.250</b>	<b>14.250</b>	<b>14.250</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>57.000</b>	<b>Total Later Fiscal Years:</b>				<b>85.500</b>			

DB# 13307

#### Salt Storage Facilities - Statewide

AQCODE: NRS

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	STATE	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>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>6.000</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# X239 Sign Structure Inspection Program

AQCODE: NRS

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STBGP-FLEX	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100	2.100	
<b>Fiscal Year Total</b>		<b>2.100</b>	<b>2.100</b>	<b>2.100</b>	<b>2.100</b>	<b>2.100</b>	<b>2.100</b>	<b>2.100</b>	<b>2.100</b>	<b>2.100</b>	<b>2.100</b>	
<b>Total First Four Years:</b>				<b>8.400</b>	<b>Total Later Fiscal Years:</b>				<b>12.600</b>			

#### DB# X239A Sign Structure Rehabilitation/Replacement Program

AQCODE: NRS

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: Dalal, Jayant

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
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>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# 15335 Sign Structure Replacement Contract 2016-3

NEW

AQCODE: NRS

Some of these sign structure had developed fatigue cracks and are in hazardous condition to vehicular traffic. Others on the lists were constructed using Aluminum material. It has been determined that these types of structures are more prone to fatigue than originally known and are near the end of their service life.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Chivulescu, Nina

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type:

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	NHPP	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# X39 Signs Program, Statewide

AQCODE: NRS

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: Longworth, Jack / Miller, John

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	3.150	3.310	3.470	3.650	3.830	4.020	4.220	4.430	4.650	4.650
<b>Fiscal Year Total</b>		<b>3.150</b>	<b>3.310</b>	<b>3.470</b>	<b>3.650</b>	<b>3.830</b>	<b>4.020</b>	<b>4.220</b>	<b>4.430</b>	<b>4.650</b>	<b>4.650</b>
		<b>Total First Four Years: 13.580</b>				<b>Total Later Fiscal Years: 25.800</b>					



# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

**DB# 19600 Smart and Connect Corridors Program NEW**

AQCODE: NRS

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:

**Mapped: Y**

This project contains ITS elements.

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STATE			5.365							
DES	STATE	2.150									
<b>Fiscal Year Total</b>		<b>2.150</b>		<b>5.365</b>							
		<b>Total First Four Years: 7.515</b>				<b>Total Later Fiscal Years:</b>					

**DB# X160 Solid and Hazardous Waste Cleanup, Reduction and Disposal**

AQCODE: NRS

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: Steinbeiser, Tim

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

**Mapped: Y**

		TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
Phase	Fund	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330
<b>Fiscal Year Total</b>		<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>
		<b>Total First Four Years: 5.320</b>				<b>Total Later Fiscal Years: 7.980</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

**DB# X150 State Police Enforcement and Safety Services**

**AQCODE:** NRS

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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STATE	5.000	5.000	5.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	
<b>Fiscal Year Total</b>		<b>5.000</b>	<b>5.000</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>21.000</b>	<b>Total Later Fiscal Years:</b>				<b>36.000</b>			

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

**DB# 13308 Statewide Traffic Operations and Support Program**

AQCODE: NRS

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	NHPP	20.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000
<b>Fiscal Year Total</b>		<b>20.000</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>18.000</b>	<b>18.000</b>
<b>Total First Four Years:</b>				<b>74.000</b>	<b>Total Later Fiscal Years:</b>						<b>108.000</b>

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# 17353 Storm Water Asset Management

AQCODE: NRS

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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
ERC	STBGP-FLEX	5.000	2.000	2.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
<b>Fiscal Year Total</b>		<b>5.000</b>	<b>2.000</b>	<b>2.000</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>			

#### DB# 14300 Title VI and Nondiscrimination Supporting Activities

AQCODE: NRS

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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
EC	STATE	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>			

# DVRPC FY2020 TIP for New Jersey

## 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)						
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
PLS	NHPP	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	
EC	NHPP					2.000						
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>13.490</b>	<b>13.490</b>	<b>13.490</b>	<b>15.490</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>53.960</b>	<b>Total Later Fiscal Years:</b>				<b>82.940</b>			

# DVRPC FY2020 TIP for New Jersey

## 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: Cowan, Salvatore / Black, Daniel 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
<b>Fiscal Year Total</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>9.000</b>	<b>9.000</b>	<b>9.000</b>
<b>Total First Four Years:</b>				<b>36.000</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: Vannozzi, Pat IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STBGP-FLEX	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 FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# 01316 Transit Village Program

AQCODE: NRS

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: Broccoli, Dave

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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# 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.

Three (3) TA-SA projects, totaling \$1.959 M, were approved by the April 22, 2021 DVRPC Board for the DVRPC NJ region: \$440,000 for Edgewater Park Township's Heritage Trail Shared-Use Path and On-Road Improvements in Burlington County \$1 million for Camden County's Cooper River Bike/Ped Bridge Project at North Park Drive and Route 130 in Pennsauken Township \$519,000 for the City of Trenton's Greenwood Avenue Streetscape Project in Mercer County

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	TA-B5K200K	0.396	0.398	0.401	0.403	0.406	0.409	0.411	0.414	0.416	0.419
ERC	TA-FLEX	1.081	1.137	1.193	1.249	1.305	1.362	1.420	1.477	1.535	1.593
ERC	TA-L5K	0.484	0.488	0.491	0.494	0.497	0.500	0.503	0.507	0.510	0.513
<b>Fiscal Year Total</b>		<b>1.961</b>	<b>2.023</b>	<b>2.084</b>	<b>2.146</b>	<b>2.208</b>	<b>2.271</b>	<b>2.334</b>	<b>2.398</b>	<b>2.462</b>	<b>2.526</b>
<b>Total First Four Years:</b>				<b>8.214</b>	<b>Total Later Fiscal Years:</b>				<b>14.199</b>		

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# X43 Transportation Demand Management Program Support

AQCODE: NRS

This funding is utilized to continue the management of the Owned and Leased Park and Ride Program and the remaining efforts as they relate to the 1-800-CARPOOL program which also includes maintaining the RidePro ride matching software program.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Congestion Relief

CIS Program Category: Congestion Relief

Project Manager: Bremer-Nei, Elise

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
PLS	CMAQ	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>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>
<b>Total First Four Years:</b>				<b>1.000</b>	<b>Total Later Fiscal Years:</b>				<b>1.500</b>		

#### 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	0.900	1.000	1.100	1.200	1.700	2.200	2.200	2.200	2.200	2.200
<b>Fiscal Year Total</b>		<b>0.900</b>	<b>1.000</b>	<b>1.100</b>	<b>1.200</b>	<b>1.700</b>	<b>2.200</b>	<b>2.200</b>	<b>2.200</b>	<b>2.200</b>	<b>2.200</b>
<b>Total First Four Years:</b>				<b>4.200</b>	<b>Total Later Fiscal Years:</b>				<b>12.700</b>		



# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# 18379 UHPC Overlay Research Project (8 Bridge Decks)

NEW

AQCODE: NRS

This project will evaluate the use of Ultra High Performance Concrete (UHPC) as a thin-bonded overlay on bridge decks, with a focus on increased service life and enhance structural capacity of the decks. In addition, deck repairs, as well as joint rehabilitation, will be evaluated during the design phase of the project.  
Structure Numbers: 2106164, 1403153, 0914155, 0604152, 1134171, 0821166, 1817163, 1422164 will be included in the project.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Patel, Pankesh

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type:

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
CON	STATE	8.500									
<b>Fiscal Year Total</b>		<b>8.500</b>									
		<b>Total First Four Years: 8.500</b>				<b>Total Later Fiscal Years:</b>					

#### DB# X11 Unanticipated Design, Right of Way and Construction Expenses, State

AQCODE: NRS

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, Jim

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
ERC	STATE	35.290	29.970	44.750	37.860	36.060	55.060	55.060	55.060	71.560	89.380
<b>Fiscal Year Total</b>		<b>35.290</b>	<b>29.970</b>	<b>44.750</b>	<b>37.860</b>	<b>36.060</b>	<b>55.060</b>	<b>55.060</b>	<b>55.060</b>	<b>71.560</b>	<b>89.380</b>
		<b>Total First Four Years: 147.870</b>				<b>Total Later Fiscal Years: 362.180</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Statewide Program

Final Version

### Various

#### DB# 15344 Utility Pole Mitigation

AQCODE: NRS

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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: NRS

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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
EC	STATE	2.500	2.500	2.500	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>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>2.500</b>
<b>Total First Four Years:</b>				<b>10.000</b>	<b>Total Later Fiscal Years:</b>				<b>15.000</b>		

# DVRPC FY2020 TIP for New Jersey

## 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)					
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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:**

1,155.095	1,139.898	1,132.771	1,143.989	1,138.203	,165.686	1,196.712	1,169.202	,288.440	1,373.188	
<b>Total First Four Years:</b>				<b>4,571.753</b>	<b>Total Later Fiscal Years:</b>				<b>7,331.432</b>	



## 8.5 Study and Development Projects



# DVRPC FY2020 TIP for New Jersey

## New Jersey Study and Development Program

Final Version

### Burlington

**DB# 17411 CR 545 (Farnsworth Avenue), Bridge over Robbinsville Secondary Branch (Conrail) NEW**

**AQCODE:** Bridge replacement for Farnsworth Ave (RT 545) , bridge over Robbinsville Sec. CONRAIL.

**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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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# TBD2 Mill Street Bridge Rehabilitation/Replacement**

**AQCODE:** SDx

A concept development study will be conducted as part of DVRPC's Local Concept Development Program in order to improve the existing Mill St. (CR 616) over South Branch Rancocas Creek bridge in its entirety due the structures age, overall condition, scour critical status and lack of original construction and foundation plans. Primary tasks will include data collection, purpose and need statement, development of alternatives including project costs, community outreach, selection of PPA, and NEPA classification.

The Mill St. (CR 616) over South Branch Rancocas Creek 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. The structure 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:** Eagleson, Todd IPD:

**Mileposts:** 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
LCD	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 FY2020 TIP for New Jersey

## New Jersey Study and Development Program

Final Version

### Burlington

**DB# TBD7 Parkers Creek Bridge on Centerton Road**

AQCODE: SDx

A concept development study will be conducted as part of DVRPC's Local Concept Development Program for this project. Primary tasks will include data collection, purpose and need statement, development of alternatives including project costs, community outreach, selection of PPA, and NEPA classification.

The Burlington County Bridge No. C4.13 Parkers Creek Bridge on Centerton Road bridge is a single span (38 feet), concrete arch widened with pre-stressed concrete voided slab beams. The Parkers Creek Bridge carries Centerton Road over the creek with 2 lanes of opposing traffic and approximate 3.5' shoulders on each side of the road. The overall width of the bridge is 31.1 feet. There are no sidewalks on the bridge or along the approach roadway. The bridge was built circa 1906 as an approximately 18' wide earth filled, reinforced concrete deck arch bridge. The span was widened on both sides with prestressed concrete slabs on concrete abutments in 1957. The bridge is individually historically eligible (source: NJDOT Historic Bridge Survey).

The bridge is functionally obsolete due to its existing curb to curb width of 31.1 feet, is structurally deficient due to the poor condition of the superstructure and is scour critical requiring remediation (NJDOT Stage II Scour Evaluation Report – September 2002). The structure is in poor condition with localized areas of deterioration in the deck, superstructure and substructure. The structure has a sufficiency rating of 61.0. Centerton Road is classified as an Urban Major Collector eligible for "on-system" funding and has an ADT of 8,088 (2015 – Cycle 18 Bridge Re-evaluation Survey Report – SI&A Sheet 18-12 – Prepared by: U&S Engineers, P.C.)

Improvements are needed for this bridge due to the structure's age (over 100 years), structurally deficient status, scour critical status, and lack of original construction and foundation plans.

CMP:  
 Municipalities: Mount Laurel Township; Moorestown Township Planning Center: None  
 CIS Program Subcategory: Eagleson, Todd CIS Program Category:  
 Project Manager: Eagleson, Todd IPD:  
 Mileposts: 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
LCD	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 FY2020 TIP for New Jersey

## New Jersey Study and Development Program

Final Version

### Burlington

DB# 18326 **Route 130, Delaware Avenue/Florence-Columbus Road (CR 656)** NEW

AQCODE: Intersection Improvements. Severe congestion and safety concerns at intersection.

CMP:	Minor SOV Capacity	Adding Subcorr(s): 1A, 6B
Municipalities:	Florence Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Congestion Relief
Project Manager:	Maevsky, Andrew	IPD:
Mileposts:	50.80-50.85	Sponsor: NJDOT
Improvement Type:	Intersection/Interchange Improvements This project may be suitable for ITS treatments.	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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** NEW

AQCODE: Problem Statement submitted by BMS for Tier 1 Screening. It is recommended for replacement.

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	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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 FY2020 TIP for New Jersey

## New Jersey Study and Development Program

Final Version

### Burlington

DB# 191A

Route 295/38, Missing Moves, Mount Laurel

LRPID: 72

RETURN

AQCODE:

The existing I-295 and Rt. 38 interchange does not provide all the direct traffic movements between the two roadways. This project will provide for the construction of the missing moves via direct and semi-direct connector ramps. The adjacent signalized intersections at Marter Avenue and Briggs Road will be upgraded as part of this project.

The following special Federal appropriations were allocated to this project. FY 2003/Interstate Maintenance Discretionary \$705,314 and FY 2003/Q02 \$248,375 (ID #NJA51).

CMP:	Major SOV Capacity	Adding Subcorr(s): 2C, 10B
Municipalities:	Moorestown Township; Mount Laurel Township	Planning Center: Suburban Center
CIS Program Subcategory:	Congestion Relief	CIS Program Category: Congestion Relief
Project Manager:	Kennard, Amy	IPD:
Mileposts:	295: 40.0-41.0; 38: 9.1-10.3	Sponsor: NJDOT
Improvement Type:	Intersection/Interchange Improvements This project may be suitable for ITS treatments.	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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 FY2020 TIP for New Jersey

## New Jersey Study and Development Program

Final Version

### Camden

**DB# TBD3 2015 Traffic Signal Improvements**

AQCODE: SDx

A concept development study will be conducted as part of DVRPC's Local Concept Development Program for this project. Primary tasks will include data collection, purpose and need statement, development of alternatives including project costs, community outreach, selection of PPA, and NEPA classification.

More than 20 signalized intersections throughout the City of Camden need to be upgraded to current MUTCD, AASHTO, and NJDOT standards. Curb, sidewalk, and pavement restoration are also needed in order to improve vehicular and pedestrian travellers.

CMP:

Municipalities:	Camden City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Ahiarakwe, Uzo	IPD:	
Mileposts:		Sponsor:	Camden City
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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
LCD	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# 15375 Route 30, Cooper Street to Grove Street** **NEW**

AQCODE: Federal Resurfacing/Rehab project. MP 1.47-3.5, 4.1-7.8

CMP: Not SOV Capacity Adding

Municipalities:	Camden City; Collingswood Borough; Audubon Borough; Haddon Heights Borough	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	Road Assets
Project Manager:	Carr, Michael	IPD:	
Mileposts:	1.47-7.8	Sponsor:	NJDOT
Improvement Type:	Roadway Rehabilitation	<b>Mapped:</b>	<b>Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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:**

<b>0.000</b>										
<b>Total First Four Years:</b>				<b>0.000</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Study and Development Program

Final Version

### Gloucester

**DB# TBD9 Almonesson Creek Bridge**

AQCODE: SDX

A concept development study will be conducted as part of DVRPC's Local Concept Development Program for this project. Primary tasks will include data collection, purpose and need statement, development of alternatives including project costs, community outreach, selection of PPA, and NEPA classification.

The Almonesson Creek Bridge is listed as a Functionally Obsolete Bridge with numerous repair issues. The design issues such as the bridge width, type and required improvements to maintain access to the public lake need to be investigated as part of the Local Concept Development phase prior to entering design.

CMP:

Municipalities:	Deptford Township	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Voltaggio, Vincent	IPD:	
Mileposts:		Sponsor:	Gloucester County
Improvement Type:	Bridge Repair/Replacement	<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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
LCD	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# 18386 Route 44, Barker Avenue to Billingsport Road/Swedeseboro (CR 653) NEW**

AQCODE: Pavement resurface renewal is needed at Route 44, Barker Avenue to Billingsport Road/Swedeseboro (CR653)

CMP:

	Not SOV Capacity Adding	Adding Subcorr(s):	6J
Municipalities:	Logan Township; Greenwich Township	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	Road Assets
Project Manager:	Obidike, Tony	IPD:	
Mileposts:	0.00-5.03	Sponsor:	
Improvement Type:	Roadway Rehabilitation	<b>Mapped:</b>	<b>Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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:**

<b>0.000</b>										
<b>Total First Four Years:</b>				<b>0.000</b>	<b>Total Later Fiscal Years:</b>					

# DVRPC FY2020 TIP for New Jersey

## New Jersey Study and Development Program

Final Version

### Mercer

DB# 18350 Clarksville Road (CR 638), Bridge over Amtrak NEW

AQCODE: Bridge rehabilitation for Clarksville Road (CR 638), Bridge over Amtrak.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 4B  
 Municipalities: West Windsor Township Planning Center: None  
 CIS Program Subcategory: CIS Program Category: Bridge Assets  
 Project Manager: Colquitt, Willie IPD:  
 Mileposts: 2.33 Sponsor: NJDOT  
 Improvement Type: Bridge Repair/Replacement Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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# TBD6 North Olden Avenue (CR 622) Access & Safety

AQCODE: SDX A concept development study will be conducted as part of DVRPC's Local Concept Development Program for this project. Primary tasks will include data collection, purpose and need statement, development of alternatives including project costs, community outreach, selection of PPA, and NEPA classification.  
The purpose is to improve intersection safety, site access, and multimodal mobility on a high-volume commercial corridor.

CMP:  
 Municipalities: Ewing Township 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)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
LCD	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 FY2020 TIP for New Jersey

## New Jersey Study and Development Program

Final Version

### Mercer

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

AQCODE: Bridge replacement for North Olden Avenue (CR 622) over Amtrak

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:	Bridge Repair/Replacement	Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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# 15317 Route 64, Bridge over Amtrak NEW

AQCODE: Bridge Deck/Superstructure Replacement program.

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, Babu	IPD:
Mileposts:	0.12	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	Mapped: Y

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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 FY2020 TIP for New Jersey

## New Jersey Study and Development Program

Final Version

### Mercer

DB# 15301      **Route 206, Hilltop Drive**      *RETURN*

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

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 4F
Municipalities:	Princeton Borough	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Colquitt, Willie	IPD:
Mileposts:	55.7	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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# 18353      **Route 295, Sloan Avenue (CR 649) to CR 583 (Princeton Pike)**      *NEW*

AQCODE:      Congestion Management system has identified a need for capacity and operational improvements.

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:		IPD:
Mileposts:	65.41-68.44	Sponsor: NJDOT
Improvement Type:	Roadway New Capacity This project contains ITS elements.	<b>Mapped: Y</b>

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
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 FY2020 TIP for New Jersey

## New Jersey Study and Development Program

Final Version

### Mercer

DB# TBD1 **Trenton Transit Center Circulation Improvement**

AQCODE: SDX

A concept development study will be conducted as part of DVRPC's Local Concept Development Program for this project. Primary tasks will include data collection, purpose and need statement, development of alternatives including project costs, community outreach, selection of PPA, and NEPA classification.

Intersection improvements are needed to address pedestrian and bicycle safety and accessibility problems at the Trenton Transit Center. At the same time, traffic flow for vehicles that are traveling to and around the Trenton Transit Center are necessary. This project complements the Trenton Station Linkage Plan.

CMP: Not SOV Capacity Adding

Municipalities: Winslow Township Planning Center: None

CIS Program Subcategory: CIS Program Category:

Project Manager: Wilkerson, Jeffrey IPD:

Mileposts: Sponsor: Trenton City

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

Phase	Fund	TIP Program Years (In Millions)				Later Fiscal Years (In Millions)					
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
LCD	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>						