

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Burlington

DB# D1401 Burlington County ATMS Upgrade & CR 656 DMS Deployment

AQCODE: X11

The project will upgrade existing Advanced Transportation Management System (ATMS) operations and deploy Dynamic Message Signs (DMS) along the corridor which connects the NJ Turnpike, US Route 130, I-295, and US Route 206. It will also include system server and communication upgrades to Burlington County's ATMS network. Two DMS will be deployed along CR 656 near the I-295's exit 52 interchange. The new DMS system servers and communication equipment will be interconnected with a fiber-optic communications network that will be connected to the County's Traffic Operations Center (TOC) in Mt. Laurel Township. A fiber-optic conduit will additionally be installed under existing pavement to provide communications for the DMS.

CMP:

Municipalities:	Burlington Township; Springfield Township; Florence Township; Mansfield Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Congestion Relief
Project Manager:	Berryman, Tom / Nei, Michael	IPD:
Mileposts:	N/A	Sponsor: Burlington County
Improvement Type:	Signal/ITS Improvements	Local Project: Y Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON 14-STATE-DVRPC	0.100									
CON 15-STATE-DVRPC	1.897									
CON 17-STATE-DVRPC	1.718									
Fiscal Year Total	3.715									
	Total FY2018-2021		3.715		Total Later FY2022-2027					

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/ Nei, Michael	IPD:
Mileposts:	N/A	Sponsor: Burlington County
Improvement Type:	Roadway Rehabilitation	Local Project: Y Mapped: N

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC 17-STATE-DVRPC	0.476										
EC STBGP-STU	0.914										
EC STBGP-STU			0.800		0.800		1.000		1.000		
Fiscal Year Total	1.390		0.800		0.800		1.000		1.000		
	Total FY2018-2021		2.190		Total Later FY2022-2027						2.800

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

NEW

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; Chesterfield Township Planning Center: None

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON 17-STATE-DVRPC	0.000	1.700								
Fiscal Year Total	0.000	1.700								
	<u>Total FY2018-2021</u>			1.700	<u>Total Later FY2022-2027</u>					

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DB# D9902 Hanover Street Bridge over Rancocas Creek, CR 616

AQCODE: S19

Hanover Street bridge over the Rancocas Creek is 0.2 miles north of CR 530. The existing bridge is two narrow lanes, a sidewalk and no shoulders. The bridge will be replaced on the same alignment. The new structure will be two travel lanes, sidewalks and shoulders. This project will accommodate bicycles and pedestrians.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 10B
Municipalities:	Pemberton Borough	Planning Center: None
CIS Program Subcategory:	Bridge Preservation	CIS Program Category: Local System Support
Project Manager:	Gonzales, Bert	IPD:
Mileposts:	18.24 - 18.44	Sponsor: Burlington County
Improvement Type:	Bridge Repair/Replacement	Local Project: Y Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON 14-STATE-DVRPC	0.000									
CON 16-STATE-DVRPC	0.000									
CON STBGP-STU	5.764									
Fiscal Year Total	5.764									
	<u>Total FY2018-2021</u>			5.764	<u>Total Later FY2022-2027</u>					

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

SD

AQCODE: X1

This study will examine ways to improve the intersection.

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON NHPP						3.000				
DES NHPP		0.800								
PE STATE	0.600									
ROW STATE				0.700						
Fiscal Year Total	0.600	0.800		0.700		3.000				
	<u>Total FY2018-2021</u>			2.100	<u>Total Later FY2022-2027</u>					

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

AQCODE: 2025M The purpose of this project is to reconfigure the Route 38 and South Church Street/Fellowship Rd. intersection layout, improve congestion, improve safety, and ensure ADA compliance throughout the intersection. In addition the existing S. Church St. Bridge will be replaced and widened, deficiencies in sidewalk, curbs and curb ramps will be addressed. The existing shoulders and auxiliary lanes will be brought into compliance with NJDOT standards.

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES STATE	2.500									
ROW STATE		3.000								
CON NHPP					10.500					
Fiscal Year Total	2.500	3.000			10.500					
	<u>Total FY2018-2021</u>			<i>5.500</i>	<u>Total Later FY2022-2027</u>			<i>10.500</i>		

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

AQCODE: S19 Initiated by the Bridge Management System, this study will determine whether the project will be a limited scope deck/superstructure, or full scope bridge, replacement.

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PE STATE		0.750								
DES STATE				0.890						
ROW NHPP					0.200					
CON NHPP								6.700		
Fiscal Year Total		0.750		0.890	0.200			6.700		
	<u>Total FY2018-2021</u>			<i>1.640</i>	<u>Total Later FY2022-2027</u>			<i>6.900</i>		

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DB# 10307 Route 70, East of North Branch Road to CR 539

AQCODE: S10

Initiated by the Pavement Management System, this project proposes a pavement rehabilitation strategy that will provide for milling and overlay to either match existing grade or provide a 2 to 3 inch increase.

CMP: Not SOV Capacity Adding

Municipalities: Pemberton Township

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Road Assets

Project Manager: Shah, Samir

IPD:2

Mileposts: 31.2-38.45

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CON NHPP	5.137										
Fiscal Year Total	5.137										
	Total FY2018-2021			5.137	Total Later FY2022-2027						

DB# 12380 Route 73, Church Road (CR 616) and Fellowship Road (CR 673) Intersections

LRPID: 210

SD

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

Mapped: Y

This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ROW NHPP							3.000				
CON NHPP									24.850	24.850	
PE STATE	4.000										
DES STATE				3.700							
Fiscal Year Total	4.000			3.700			3.000		24.850	24.850	
	Total FY2018-2021			7.700	Total Later FY2022-2027				52.700		

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

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, and would be addressed with intersection improvements.

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 **Mapped: Y**

This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CON NHPP								14.288			
ROW NHPP					3.530						
DES STATE			2.500								
PE STATE	1.000										
Fiscal Year Total	1.000	2.500			3.530			14.288			
	Total FY2018-2021			3.500	Total Later FY2022-2027				17.818		

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

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

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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CON DEMO-RS		0.947									
CON NHPP		26.713									
CON NHPP	0.000										
Fiscal Year Total	0.000	27.660									
	Total FY2018-2021			27.660	Total Later FY2022-2027						

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DB# 02397 Route 130, Columbus Road/Jones Street

AQCODE: R1

This project will address operational, physical, and safety problems at the intersection. An exclusive left-turn is proposed on northbound Route 130 approach at Columbus Road/Jones Street approach to accommodate Route 130 NB to Jones Street left-turns. In addition, the existing traffic signal at this intersection will be replaced.

CMP:	Minor SOV Capacity	Adding Subcorr(s): 6D
Municipalities:	Burlington City	Planning Center: None
CIS Program Subcategory:	Congestion Relief	CIS Program Category: Congestion Relief
Project Manager:	Rezaeian, Abe	IPD:3
Mileposts:	46.8-47.9	Sponsor: NJDOT
Improvement Type:	Intersection/Interchange Improvements	Mapped: Y
	This project may be suitable for ITS treatments.	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CON DEMO-RS	0.000										
CON NHPP	3.500										
Fiscal Year Total	3.500										
	Total FY2018-2021			3.500	Total Later FY2022-2027						

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:	Bordentown Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Multimodal Programs
Project Manager:	Rezaeian, Abe	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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
DES STATE		1.200									
ROW STATE		0.050									
CON STATE				3.000							
Fiscal Year Total		1.250		3.000							
	Total FY2018-2021			4.250	Total Later FY2022-2027						

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

AQCODE: A2 Initiated from the Office of Bicycle and Pedestrian Programs, this project will address pedestrian and bicycle deficiencies within the project limits.

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

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phase Fund											
PE	NHPP	0.750									
DES	STATE		0.000								
DES	NHPP			1.000							
ROW	STATE				0.750						
CON	NHPP					3.220					
Fiscal Year Total		0.750	0.000	1.000	0.750	3.220					
		<u>Total FY2018-2021</u>				<u>Total Later FY2022-2027</u>					
		2.500				3.220					

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.

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

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phase Fund											
CON	STATE		7.250								
Fiscal Year Total			7.250								
		<u>Total FY2018-2021</u>				<u>Total Later FY2022-2027</u>					
		7.250									

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DB# 191A **Route 295/38, Missing Moves, Mount Laurel** **LRPID: 72** **RETURN**

AQCODE: 2035M

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 #NJ451).

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:	Roadway New Capacity	Mapped: Y
	This project may be suitable for ITS treatments.	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PE STATE	2.000									
DES NHPP		6.000								
DES STATE			6.000							
ROW NHPP				8.000	12.000					
UTI NHPP					15.000					
CON NHFP-HWY							24.000	24.000	24.000	
Fiscal Year Total	2.000	6.000	6.000	8.000	27.000		24.000	24.000	24.000	
	<u>Total FY2018-2021</u>			<i>22.000</i>	<u>Total Later FY2022-2027</u>			<i>99.000</i>		

DB# D9903 **Smithville Road Bridge over Rancocas Creek, CR 684**

AQCODE: S19

Smithville Road Bridge over the Rancocas Creek is one mile north of the intersection with CR 530. This two-lane bridge carries an AADT of about 3,200 vehicles. The road is classified as an Urban Collector. The current sufficiency rating for the bridge is 22.7. This bridge will be replaced.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 10B
Municipalities:	Eastampton Township	Planning Center: None
CIS Program Subcategory:	Bridge Preservation	CIS Program Category: Local System Support
Project Manager:	Darji, Vijesh / Eagleson, Todd	IPD:
Mileposts:	0.71 - 0.91	Sponsor: Burlington County
Improvement Type:	Bridge Repair/Replacement	Local Project: Y Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON 16-STATE-DVRPC	4.836									
CON 17-STATE-DVRPC	0.000									
Fiscal Year Total	4.836									
	<u>Total FY2018-2021</u>			<i>4.836</i>	<u>Total Later FY2022-2027</u>					

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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
This project contains ITS elements.

Local Project: Y Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON STBGP-STU		0.000	2.000							
Fiscal Year Total		0.000	2.000							
	Total FY2018-2021			2.000	Total Later FY2022-2027					

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

NEW-G

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, Babu

IPD:

Mileposts:

30.893

Sponsor: NJDOT

Improvement Type:

Bridge Repair/Replacement
This project may be suitable for ITS treatments.

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PE BRIDGE-OFF	0.750									
CON BRIDGE-OFF		0.000								
DES STATE	0.000									
DES BRIDGE-OFF		0.750								
ROW STATE	0.100									
CON BRIDGE-OFF			3.820							
Fiscal Year Total	0.850	0.750	3.820							
	Total FY2018-2021			5.420	Total Later FY2022-2027					

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Total for Burlington (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

27.015	47.460	16.120	17.040	41.830	6.420	28.000	44.988	49.850	24.850		
<u>Total FY2018-2021</u>				107.635		<u>Total Later FY2022-2027</u>				195.938	

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Camden

DB# D1505 ADA Improvements

AQCODE: A2

This project will completely reconstruct existing or construct new ADA compliant sidewalk, curb ramps, and associated structures at 1,217 locations various locations in the City of Camden. Crosswalks will be constructed as required or appropriate to connect opposite ADA compliant ramps at street intersections.

CMP: Not SOV Capacity Adding

Municipalities: Camden City Planning Center: None

CIS Program Subcategory: CIS Program Category: Local System Support

Project Manager: Gonzales, Nenebert IPD:

Mileposts: N/A Sponsor: Camden City

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON 17-STATE-DVRPC	6.900									
CON 18-STATE-DVRPC	0.000									
Fiscal Year Total	6.900									
	Total FY2018-2021 6.900				Total Later FY2022-2027					

DB# 15422 ADA South, Contract 3

NEW-G

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 168 over I-295, Bridge Deck Replacement; Rt 168 Benigno Boulevard; Collings Avenue (CR 630) over Route I-676 SB; Rt 70 WB over Rt 38; and Rt 30 E of Brand Ave to E of London Ave Pavement Rehab.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: CIS Program Category: Multimodal Programs

Project Manager: Patel, Pankesh IPD:

Mileposts: N/A Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON STATE		2.660								
Fiscal Year Total		2.660								
	Total FY2018-2021 2.660				Total Later FY2022-2027					

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Camden

DB# 15423 **ADA South, Contract 4** **NEW-G**

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, Babu **IPD:**

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

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON STBGP				6.000	8.800					
Fiscal Year Total				6.000	8.800					
	Total FY2018-2021			6.000	Total Later FY2022-2027			8.800		

DB# D0601 **Camden County Bus Purchase**

AQCODE: M10 In the DVRPC region, a combination of fixed route, subscription, and demand responsive transit services are provided in Camden County by Sen-Han Transit and South Jersey Transportation Authority (SJTA). A variety of trip purposes are served by these special transit providers including employment, non-emergency medical, nutrition, personal business, and shopping trips. This project provides funds for purchasing new capital equipment, usually lift-equipped vehicles.

CMP: Not SOV Capacity Adding

Municipalities: Various **Planning Center:** None

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

Project Manager: **IPD:**

Mileposts: N/A **Sponsor:** Camden County

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC CMAQ									0.934	
EC CMAQ	0.000		0.934		0.934		0.934			
Fiscal Year Total	0.000		0.934		0.934		0.934		0.934	
	Total FY2018-2021			0.934	Total Later FY2022-2027			2.802		

DVRPC FY2018-2021 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STBGP-STU	0.550		0.600		0.600		0.700		0.700	
EC STBGP-STU		0.200		0.200		0.300		0.300		0.300
Fiscal Year Total	0.550	0.200	0.600	0.200	0.600	0.300	0.700	0.300	0.700	0.300
	<u>Total FY2018-2021</u>			1.550	<u>Total Later FY2022-2027</u>			2.900		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Camden

DB# D1707

Cooper Street Pedestrian Access Project (TIGER)

NEW

AQCODE: 2020M

- The scope of work for this project on Cooper Street (between Delaware Avenue and Haddon Avenue) will include:
1. Removal of an existing, irregular median between Fourth Street and Haddon Avenue and the installation of a new estate fence median on each block of Cooper Street between Fifth Street and Haddon Avenue to require pedestrian movements at intersections. The median replacement will open up two through lanes of traffic along the entire Cooper Street corridor and eliminate the current bottlenecking of traffic.
 2. Removal of an existing median at Sixth Street and installation of a new traffic signal at that intersection (Sixth and Cooper Streets) to allow through traffic.
 3. Traffic signal and timing coordination along Cooper Street at the following intersections: Fifth Street, Sixth Street, Broadway and Haddon Avenue.
 4. Prohibition of left-hand turn movements, both eastbound and westbound, at Fifth and Cooper Street.
 5. Construction of ADA accessible curb ramps and sidewalk facilities.
 6. Reset/reconstruct stormwater inlets, as needed for curb ramp improvements.
 7. Reset and relocate existing lighting, as needed for curb ramp improvements.
 8. New striping, signage and crosswalks.
 9. Replacement of sixteen existing street trees.
 10. Construction management and inspection.

The project will be funded by a Transportation Infrastructure Generating Economic Recovery (TIGER) Grant, with match funds provided by a grant from the NJEDA Economic Recovery Board and the City of Camden. Streetscape improvements, roadway construction, a new traffic signal at Sixth and Cooper Streets, signal upgrades and ADA accessibility will be funded by TIGER, with the NJEDA Economic Recovery Board grant funding the remaining construction costs.

The Cooper Street Pedestrian Access Project is an important priority of the 2012 Camden Comprehensive Economic Development Strategy, which recommends improving connections to transit and between downtown nodes of activity in order to create a vibrant commercial, residential and entertainment district. Improving the walkability of the downtown and easy access to mass transit facilities promotes managed growth, livable communities and economic revitalization.

In 2005, the NJ Department of Transportation (NJDOT) funded a comprehensive traffic circulation study for the City of Camden's downtown. The study assessed existing conditions and congestion points within the downtown and offered recommendations to improve the operations along key corridors, given the growing expansion of the waterfront and downtown anchor institutions. The report revealed that the lights were not synchronized along Cooper Street, due to the NJ Transit River Line and that poor pedestrian streetscape and limited traffic lanes create an unsafe pedestrian corridor and congestion on a main gateway through the downtown. The study recommended signal, pedestrian and traffic improvements along Cooper Street. Based upon this study, NJDOT prepared a follow-up traffic operational study in February 2010 that made specific recommendations of signal and traffic improvements to increase pedestrian and vehicular safety and reduce congestion. The improvements would also significantly improve and promote pedestrian walkability and accessibility to the Walter Rand Transportation Center and two River Line station stops.

This is one of two projects, both totaling \$21.2 million that were awarded with \$16.2 million TIGER ("DEMO") funds in July 2016. This project totals \$3,400,030 (\$2,143,191 DEMO/\$1,256,839 OTHER). The required match ("OTHER") for this project's TIGER funding is a grant from the NJEDA Economic Recovery Board and the City of Camden. The other TIGER project is DB #D1708, Cooper's Poynt Roads Reconstruction Project (TIGER), totaling \$17,817,000 (\$14,056,809 DEMO/\$3,760,191 OTHER).

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 2B, 5A
Municipalities:	Camden City	Planning Center: Metropolitan Center
CIS Program Subcategory:		CIS Program Category: Local System Support
Project Manager:		IPD:
Mileposts:	0 - 0.61	Sponsor: Camden City
Improvement Type:	Intersection/Interchange Improvements	Local Project: Y Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON DEMO	2.143									
CON OTHER	1.257									
Fiscal Year Total	3.400									
	Total FY2018-2021			3.400	Total Later FY2022-2027					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Camden

DB# D1708

Cooper's Poynt Roads Reconstruction Project (TIGER)

NEW

AQCODE: S10

The project will rehabilitate seven street segments, all of which are currently in an advanced state of disrepair, posing hazards to pedestrians, bicyclists and vehicles. It will include the complete reconstruction of 1.6 miles of roadway in the North Camden neighborhood, including the following seven street segments:

1. Point Street from Elm to Vine Streets;
2. N. Front Street from the Ben Franklin Bridge to State Street;
3. S. 2nd Street from the Ben Franklin Bridge to State Street;
4. N. 3rd Street from the Ben Franklin Bridge to State Street;
5. Elm Street from Delaware Avenue to N. 4th Street;
6. Vine Street from Delaware Ave to N. 4th Street; and
7. Main Street from N. Front Street to Elm Street.

The scope of work for this project area will include:

- Roadway resurfacing within the entire project area.
- In kind replacement of galvanized leaded water service lines and laterals in the project area with ductile iron water pipes. The funding for this work will be from federal and non-federal sources.
- In kind replacement of structurally deficient combined sewer system and laterals throughout the project area. The combined sewer replacement cost is estimated to be approximately \$5 million and will be funded with federal and non-federal sources.
- Installation of new ADA compliant curb ramps and sidewalk facilities.
- Relocation of three utility poles.
- Construction of three mini-roundabouts to manage traffic flow.
- New striping, signage and crosswalks.
- Multi-modal facilities (bike lanes).
- Decorative lighting (to be paid by City of Camden).
- Landscaping, including street trees.
- Trash receptacles.
- Construction management and inspection.
- Permit fees.

The project will be funded by TIGER funds, the City of Camden and a grant from the NJEDA Economic Recovery Board. TIGER will also fund streetscape improvements and roadway reconstruction. The City of Camden and NJEDA Economic Recovery Board will fund the balance of construction, utility relocation and street lighting.

The Cooper's Poynt Roads Reconstruction Project aims to transform the vehicular, pedestrian and bicycle connections between the North Camden neighborhood and several key destinations, including the Ben Franklin Bridge to Philadelphia, Admiral Wilson Boulevard to the South Jersey suburbs and downtown Camden, and access points for the New Jersey Transit River LINE to Trenton and PATCO to Philadelphia and the South Jersey suburbs.

This project is part of the \$16.2 million TIGER award from July 2016. \$14,056,809 TIGER ("DEMO") funds and \$3,760,191 (required match), totaling \$17,817,000, will fund this portion of the overall TIGER award. The match ("OTHER") for this project is from a NJEDA Economic Recovery Board Grant and the City of Camden.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 2B, 5A, 6H
Municipalities:	Camden City	Planning Center: Metropolitan Center
CIS Program Subcategory:		CIS Program Category: Local System Support
Project Manager:		IPD:
Mileposts:	0 - 1.7	Sponsor: Camden City
Improvement Type:	Roadway Rehabilitation	Local Project: Y Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON DEMO	14.056									
CON OTHER	3.761									
Fiscal Year Total	17.817									
	Total FY2018-2021				Total Later FY2022-2027					
	17.817									

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Camden

DB# D1903 CR 720 (Blue Anchor Road), Route 73 to CR 536 (Cedarbrook/New Brooklyn Road)

AQCODE: S10

This is a roadway resurfacing project on County Route 720 (Blue Anchor Road) from Route 73 to County Route 536 (Cedarbrook/New Brooklyn Road) in Winslow Township. Work will include but not limited to the following activities: concrete/HMA base repair, milling of roadway, bituminous asphalt overlay, handicap ramps, grading revisions to ensure proper drainage and upgrades to storm water inlets and storm pipes.

CMP:

Municipalities: Willingboro Township

Planning Center: None

CIS Program Subcategory:

CIS Program Category:

Project Manager: Gonzales, Bert

IPD:

Mileposts:

Sponsor: Camden County

Improvement Type: Roadway Rehabilitation

Local Project: Y Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON STBGP-STU		1.712								
Fiscal Year Total		1.712								
	<u>Total FY2018-2021</u>		<u>1.712</u>		<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 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)

NEW-LG

AQCODE: S19

The project will make roadway improvements to Kaighn Ave. (CR 607) from Euclid St. to North Park Dr. (CR 628) and include complete bridge replacement of the Kaighn Ave. Bridge. These improvements will decrease travel time, alleviate flooding, reduce annual maintenance costs and provide for a multi-modal connection to The Circuit, Greater Philadelphia's Regional Trail Network.

Kaighn Avenue is a heavily traveled regionally significant corridor that transects the Parkside Neighborhood of Camden City and is prone to tidal flooding and plagued by road closings during regular rainfall and high tide events. Flooding is the result of a 40 year old hurricane event that breached a nearby earthen dam and subsequently allows the Cooper River to inundate a low lying area of Farnham Park which is directly adjacent to a 1/3 mile stretch of Kaighn Avenue. Road closing events due to flooding number between 15 – 18 times annually. In addition, the vertical alignment of Kaighn Avenue, as a result of topography, plays a role in the continued flooding. Over time high tides and regular rain fall have led to total washout, undermining the road structure and severe ice wedging. Non-motorized transportation challenges include the sidewalk and multiuse trail being in severe disrepair or continually washed out. This trail provides access to Farnham Park and The Circuit connecting users to Philadelphia and the regions trail.

CMP: Not SOV Capacity Adding

Municipalities: Camden City

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts: 0.12 - 0.5

Sponsor: Camden County

Improvement Type: Bridge Repair/Replacement

Local Project: Y

Mapped: Y

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
PE	STBGP-STU		1.180									
CON	STBGP-STU								8.051			
DES	STBGP-STU			0.775								
PE	17-STATE-DVRPC	0.000										
DES	STBGP-STU		0.000									
CON	STBGP-STU			0.000								
Fiscal Year Total		0.000	1.180	0.775					8.051			
		Total FY2018-2021			1.955			Total Later FY2022-2027			8.051	

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Camden

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: Zim, John 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON NHPP			8.896							
CON NHPP		0.000								
Fiscal Year Total		0.000	8.896							
	<u>Total FY2018-2021</u>			8.896	<u>Total Later FY2022-2027</u>					

DB# 16319 Route 30, Gibbsboro Road (CR 686)

SD

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: Carr, Michael 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES STATE	0.800									
ROW STATE		1.300								
CON HSIP				4.450						
Fiscal Year Total	0.800	1.300		4.450						
	<u>Total FY2018-2021</u>			6.550	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 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.

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ROW	STATE	1.000									
CON	NHPP			15.000							
Fiscal Year Total		1.000		15.000							
		<u>Total FY2018-2021</u>		<u>16.000</u>		<u>Total Later FY2022-2027</u>					

DB# 17418 **Route 70 Camden Feeder Road Study**

NEW-CD

AQCODE: X1

This project will study the following improvements: North 27th Street.

CMP: Not Yet Determined

Municipalities: Camden City Planning Center: None

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: IPD:

Mileposts: Sponsor: Camden County

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

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CD	STATE	0.350									
Fiscal Year Total		0.350									
		<u>Total FY2018-2021</u>		<u>0.350</u>		<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Camden

DB# 11338 **Route 70, Route 38 to Cropwell Road**

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 - 7.7	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON NHPP		15.500	15.500	15.500	16.000					
Fiscal Year Total		15.500	15.500	15.500	16.000					
		<u>Total FY2018-2021</u>		<i>46.500</i>	<u>Total Later FY2022-2027</u>			<i>16.000</i>		

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

SD

AQCODE: S19

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

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:	Zim, John	IPD:
Mileposts:	32.18	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PE STATE		0.500								
DES STATE				1.000						
CON NHPP					17.310					
Fiscal Year Total		0.500		1.000	17.310					
		<u>Total FY2018-2021</u>		<i>1.500</i>	<u>Total Later FY2022-2027</u>			<i>17.310</i>		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Camden

DB# 12418 Route 73, CR 721 to NJ Transit Bridge

AQCODE: S10 Initiated from the Pavement Management System, this project will resurface within the project limits. Guiderail will be replaced, handicapped ramps and crosswalks will be installed and traffic signals will be upgraded.

CMP: Not SOV Capacity Adding

Municipalities: Winslow Township **Planning Center:** None

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

Project Manager: Carr, Michael **IPD:**

Mileposts: 8.9-15.90 **Sponsor:** NJDOT

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

This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON NHPP		11.600								
Fiscal Year Total		11.600								
	<u>Total FY2018-2021</u>			11.600	<u>Total Later FY2022-2027</u>					

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 **Mapped:** Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES STATE	2.500									
CON NHPP			14.500	15.335						
Fiscal Year Total	2.500		14.500	15.335						
	<u>Total FY2018-2021</u>			32.335	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Camden

DB# 11326 Route 76/676 Bridge Deck Replacements

AQCODE: S19

Initiated by the Bridge Management System, this project will replace the bridge decks on three structures: 76/676 over the Main Branch of the Newton Creek; Route 76 over Nicholson Road; and 676 Southbound over the Main Branch of the Newton Creek. The superstructure of Route 76 over the South Branch of the Newton Creek, Conrail and Lemm Avenue will also be replaced.

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES NHPP		11.550								
CON NHPP			10.000	10.000	10.000	10.050				
Fiscal Year Total		11.550	10.000	10.000	10.000	10.050				
		<u>Total FY2018-2021</u>	<u>31.550</u>		<u>Total Later FY2022-2027</u>	<u>20.050</u>				

DB# 14426 Route 130, Bridge over Big Timber Creek LRPID: 229 NEW-G

AQCODE: S19

Bridge replacement over Big Timber Creek, approaches & drainage. 0818-151 Rt. 130 over Big Timber Ck., 0419-150 Rt. 130 under RR.

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES NHPP		3.528								
DES STATE		0.000								
ROW STATE				0.770						
CON NHPP					28.500					
Fiscal Year Total		3.528		0.770	28.500					
		<u>Total FY2018-2021</u>	<u>4.298</u>		<u>Total Later FY2022-2027</u>	<u>28.500</u>				

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Camden

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

AQCODE: S19 Problem Statement submitted by BMS for Tier 1 Screening. It is recommended for replacement.

CMP: Not SOV Capacity Adding

Municipalities: Haddon Township **Planning Center:** None

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

Project Manager: Sohn, Tom **IPD:**

Mileposts: 28 **Sponsor:** NJDOT

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

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PE	STATE		1.300								
DES	STATE				1.900						
ROW	NHPP					0.300					
CON	NHPP							12.900			
Fiscal Year Total			1.300		1.900		0.300	12.900			
			Total FY2018-2021		3.200		Total Later FY2022-2027		13.200		

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 (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ROW	STATE	1.000									
CON	NHPP		13.809								
Fiscal Year Total		1.000	13.809								
			Total FY2018-2021		14.809		Total Later FY2022-2027				

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Camden

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

AQCODE: S10 Federal Resurfacing/Rehab project.

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: Carr, Michael **IPD:**

Mileposts: 0.0-5.41 **Sponsor:** NJDOT

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

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON	STATE			7.800							
Fiscal Year Total				7.800							
		Total FY2018-2021		7.800		Total Later FY2022-2027					

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 **Mapped: Y**
This project may be suitable for ITS treatments.

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON	NHPP					38.000					
CON	NHPP		53.000	53.000	54.000						
Fiscal Year Total			53.000	53.000	54.000	38.000					
		Total FY2018-2021		160.000		Total Later FY2022-2027					38.000

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Camden

DB# 355D

Route 295/42/I-76, Direct Connection, Contract 3

LRPID: 77

AQCODE: 2025M

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 3 will include the completion of the new I-295 North bound and Southbound structures over I-76, Route 42, Ramps C and E, and Browning Road; the new Ramp A (Route 42 Northbound to I-295 Northbound) bridge will be completed under this contract along with a portion of Ramp F (I-76 Eastbound to I-295 Southbound); and the new I-295 Southbound direct connection and Ramp A will be opened to traffic upon completion of this contract. Contract 3 is a breakout of "Route 295/42/I-76, Direct Connection, Camden County".

CMP:	Major SOV Capacity	Adding Subcorr(s): 2B, 3D
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

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON	I-MAINT	1.169									
CON	NHFP-HWY	26.518									
CON	NHFP-HWY		33.308								
CON	NHPP	35.313	3.692								
Fiscal Year Total		63.000	37.000								
		<u>Total FY2018-2021</u>		<u>100.000</u>		<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 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: 2025M

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.

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phase Fund										
CON NHFP-HWY			37.009	39.633	42.442	45.451				
CON NHPP			12.991	10.367	32.558	4.549				
Fiscal Year Total			50.000	50.000	75.000	50.000				
	Total FY2018-2021			100.000	Total Later FY2022-2027			125.000		

DB# 17417 **Route 30 Camden Feeder Road Study** **NEW-CD**

AQCODE: X1

This project will study the following improvements: Federal Street Gateway improvements East and West, Pine Street Extension, and North 7th Street.

CMP: Not Yet Determined

Municipalities: Camden City Planning Center: None

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: IPD:

Mileposts: Sponsor: NJDOT

Improvement Type: Roadway New Capacity **Mapped: Y**

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phase Fund										
CD STATE	0.500									
Fiscal Year Total	0.500									
	Total FY2018-2021			0.500	Total Later FY2022-2027					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Camden

DB# D1715

Route 70 Gateway/Airport Circle

NEW-CD

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

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
Phase Fund	CD STATE	5.000	5.000									
Fiscal Year Total		5.000	5.000									
		<u>Total FY2018-2021</u>		<i>10.000</i>	<u>Total Later FY2022-2027</u>							

DB# D1904

Thorndyke Street (Route 30/Admiral Wilson Boulevard to Marlton Pike) and Maplewood Street (Thorndyke Street to Somerset Street)

AQCODE: S10

This is a roadway reconstruction/resurfacing project on locally owned Thorndyke Street from Route 30 (Admiral Wilson Boulevard) to Marlton Pike and Maplewood Street from Thorndyke Street to Somerset Street due to their severely deteriorated condition of pavement and associated curb and sidewalk areas. Work will include but not limited to the following: replacement of existing pavement structure (surface and base courses), base repairs, concrete curbs and sidewalks, catch basins and associated pipe connections, curb ramps, and traffic striping.

CMP:	Not SOV Capacity Adding	Planning Center: None
Municipalities:	Camden City	CIS Program Category:
CIS Program Subcategory:		IPD:
Project Manager:	Gonzales, Bert	Sponsor: Camden City
Mileposts:		Local Project: Y
Improvement Type:	Roadway Rehabilitation	Mapped: Y

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
Phase Fund	CON STBGP-STU		1.111									
Fiscal Year Total			1.111									
		<u>Total FY2018-2021</u>		<i>1.111</i>	<u>Total Later FY2022-2027</u>							

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Camden

Total for Camden (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

95.917	160.950	177.005	159.155	149.334	106.460	14.534	8.351	1.634	0.300
<u>Total FY2018-2021</u>			593.027	<u>Total Later FY2022-2027</u>			280.613		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Gloucester

DB# D1719 Center Square Rd (CR 620), Rt 295 Overpass

NEW-CD

AQCODE: S19

Reconstruction and widening of the existing overpass at Center Square Road (CR 620) over Route I-295 (Interchange 10), adjoining the Pureland Industrial Park complex, to accommodate a 4/5 lane cross section on Center Square Road. The widened bridge will also match the roadway cross section of the commercial area being established south of Route I-295. This improvement will support existing and expanded truck and general use traffic that has grown from the continued economic expansion of the complex.

CMP: Not Yet Determined
 Municipalities: Logan Township
 CIS Program Subcategory: Project Manager: IPD:
 Mileposts: 5.71
 Improvement Type: Intersection/Interchange Improvements

Planning Center: None
 CIS Program Category: Local System Support
 Sponsor: Gloucester County
Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CD STATE	0.500									
Fiscal Year Total	0.500									
	<u>Total FY2018-2021</u>			<i>0.500</i>	<u>Total Later FY2022-2027</u>					

DB# D1805 CR610 (Clayton-Williamstown Road), Scotland Run Avenue to CR 555 (Tuckahoe Road)

NEW

AQCODE: A2

This project will involve the milling and overlay of CR610 to provide 11' lanes with 4-5' bike lanes. The project will provide a bikeway connection from the existing bikeway on Fries Mill Road at Scotland Run Park in Clayton, NJ to the bikeway along Tuckahoe Road at the Veteran's Cemetery in Monroe Township. The existing bituminous shoulders will be bladed off (overgrowth) to expose the existing edge of pavement and re-establish the roadway edge for the bike lanes. Guiderail will be installed where warranted (stream crossing near the cemetery). Upgraded signing and striping will be included in the project. The project will also include the installation of a rapid flashing beacon (upgrade of the existing pedestrian crossing) at the Scotland Run Park entrance.

CMP: Not SOV Capacity Adding
 Municipalities: Clayton Borough; Monroe Township
 CIS Program Subcategory: Project Manager: IPD:
 Mileposts: 4.57 - 6.4
 Improvement Type: Roadway Rehabilitation

Planning Center: None
 CIS Program Category: Multimodel Programs
 Sponsor: Gloucester County
Local Project: Y Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON 15-STATE-DVRPC		0.000								
CON 16-STATE-DVRPC		1.898								
CON 17-STATE-DVRPC	0.000									
Fiscal Year Total	0.000	1.898								
	<u>Total FY2018-2021</u>			<i>1.898</i>	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Gloucester

DB# D9807 Gloucester County Bus Purchase

AQCODE: M10

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

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC CMAQ	0.000		0.238		0.238		0.238		0.238	
Fiscal Year Total	0.000		0.238		0.238		0.238		0.238	
	<u>Total FY2018-2021</u>			<u>0.238</u>	<u>Total Later FY2022-2027</u>			<u>0.714</u>		

DB# D1902 Gloucester County First-Generation Traffic Signal Camera Upgrades

AQCODE: NRS

Traffic signal camera video detection retrofit/upgrades will replace first generation camera systems at various intersections throughout Gloucester County.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: San Jose, Art CIS Program Category:

Project Manager: San Jose, Art IPD:

Mileposts: Sponsor: Gloucester County

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON STBGP-STU		2.858								
Fiscal Year Total		2.858								
	<u>Total FY2018-2021</u>			<u>2.858</u>	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 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.

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	Local Project: Y Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ROW 14-STATE-DVRPC	1.000									
ROW 15-STATE-DVRPC	0.000									
CON 16-STATE-DVRPC		2.000								
Fiscal Year Total	1.000	2.000								
	<u>Total FY2018-2021</u>		<u>3.000</u>		<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Gloucester

DB# D0401 Gloucester County Roadway Safety Improvements

AQCODE: S11

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

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: San Jose, Art IPD:

Mileposts: N/A Sponsor: Gloucester County

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STBGP-STU		0.700								
EC STBGP-STU				0.800	1.000			1.000		1.000
Fiscal Year Total		0.700		0.800	1.000			1.000		1.000
	Total FY2018-2021		1.500		Total Later FY2022-2027			3.000		

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES STATE		1.500								
ROW STATE			1.000							
CON NHPP					3.440					
Fiscal Year Total		1.500	1.000		3.440					
	Total FY2018-2021		2.500		Total Later FY2022-2027			3.440		

DVRPC FY2018-2021 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 Planning Center: None

Municipalities: Franklin Township CIS Program Category: Road Assets

CIS Program Subcategory: IPD:

Project Manager: Zim, John Sponsor: NJDOT

Mileposts: 20.6-24.8 & 26.0-27.4

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

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES	DEMO-RF	0.105									
DES	DEMO-RS	0.384									
CON	STATE				3.310						
Fiscal Year Total		0.489			3.310						
		<u>Total FY2018-2021</u> 3.799				<u>Total Later FY2022-2027</u>					

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

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, Babu IPD:

Mileposts: 3.19 Sponsor: NJDOT

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

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PE	STATE	0.650									
DES	STATE		0.800								
ROW	STATE		0.100								
CON	STATE				2.200						
Fiscal Year Total		0.650	0.900		2.200						
		<u>Total FY2018-2021</u> 3.750				<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Gloucester

DB# 12306 Route 42, Ardmore Ave to Camden County Line, Pavement

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

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 3A
Municipalities:	Washington Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Maevsky, Andrew	IPD:
Mileposts:	3.4-6.6; 3.4-6.1	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES NHPP	2.000									
ROW STATE	3.100									
CON NHPP		19.240								
Fiscal Year Total	5.100	19.240								
	Total FY2018-2021		24.340		Total Later FY2022-2027					

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.

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PE STATE	0.400									
DES STATE		1.000								
ROW STATE			0.500							
CON STATE				9.000						
Fiscal Year Total	0.400	1.000	0.500	9.000						
	Total FY2018-2021		10.900		Total Later FY2022-2027					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Gloucester

DB# 11371 Route 47, Bridge over Big Timber Creek

AQCODE: S19

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

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES STATE		3.000								
ROW STATE		3.300								
CON STBGP				10.000	17.900					
Fiscal Year Total		6.300		10.000	17.900					
	<u>Total FY2018-2021</u>		<i>16.300</i>		<u>Total Later FY2022-2027</u>			<i>17.900</i>		

DB# 15310 Route 47, Bridge over Route 295

AQCODE: S19

Initiated by the Bridge Management System, this project will replace the bridge superstructure.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 2B, 11A
Municipalities:	Westville Borough	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Marcellus, Evens	IPD:
Mileposts:	74	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ROW STATE	0.100									
CON STBGP	0.000									
Fiscal Year Total	0.100									
	<u>Total FY2018-2021</u>		<i>0.100</i>		<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Gloucester

DB# 12305 Route 47, Grove St. to Route 130, Pavement

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**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ROW DEMO-RF		0.049								
ROW DEMO-RS		1.315								
ROW STBGP		3.236								
DES STATE	2.500									
ROW STATE		0.000								
CON STBGP				10.000	14.941					
Fiscal Year Total	2.500	4.600		10.000	14.941					
	Total FY2018-2021			17.100	Total Later FY2022-2027				14.941	

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.

Note that project limits extend outside of DVRPC's region (Salem County), and funding for this project as shown in DVRPC Regional Highway Program reflects only DVRPC's portion of the project.

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**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ROW STATE	0.238									
CON STATE			2.331							
Fiscal Year Total	0.238		2.331							
	Total FY2018-2021			2.569	Total Later FY2022-2027					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Gloucester

DB# 14328 Route 322 Business, Bridge over Raccoon Creek

AQCODE: S19 Initiated by the Bridge Management System, this project will replace the bridge deck and superstructure and provide scour countermeasures to address this scour critical structure.

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:	0.45	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CON STATE	1.834										
Fiscal Year Total	1.834										
	<u>Total FY2018-2021</u>			1.834	<u>Total Later FY2022-2027</u>						

DB# 07369 Route 322, Corridor Congestion Relief Project LRPID: 94

AQCODE: 2020M This project involves construction of a bypass route around Mullica Hill. New roadway on new alignment.

CMP:	Major SOV Capacity	Adding Subcorr(s): 7C
Municipalities:	Harrison Township	Planning Center: None
CIS Program Subcategory:	Congestion Relief	CIS Program Category: Local System Support
Project Manager:	San Jose, Art / Lubelski, Dave	IPD:0
Mileposts:	N/A	Sponsor: Gloucester County
Improvement Type:	Roadway New Capacity	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	1.000										
Fiscal Year Total	1.000										
	<u>Total FY2018-2021</u>			1.000	<u>Total Later FY2022-2027</u>						

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Gloucester

DB# D1716 **Route 322, CR 551 (Kings Highway)**

NEW-CD

AQCODE: SDX

This corridor improvement project will improve US Route 322 between Swedesboro Paulsboro Road (CR 653) and Interchange 2 on the New Jersey Turnpike. These improvements will address increasing land-service based demands and allow for further economic development on the corridor.

CMP: Not Yet Determined

Municipalities: Woolwich Township

Planning Center: Planned Town Center

CIS Program Subcategory:

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts: 6.2 - 8.1

Sponsor: Gloucester County

Improvement Type: Intersection/Interchange Improvements

Mapped: Y

Phase Fund CD STATE	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	1.000									
Fiscal Year Total	1.000									
	<u>Total FY2018-2021</u>			1.000	<u>Total Later FY2022-2027</u>					

DB# D1718 **Route 322, Fries Mill Road (CR 655)**

NEW-CD

AQCODE: SDX

Located along US Route 322 midway between downtown Glassboro and Williamstown, Gloucester County, this intersection widening project will provide for turn lanes, improved signalization and shoulders in all directions, alleviating chronic bottlenecks during weekday peak periods.

CMP: Not Yet Determined

Adding Subcorr(s): 7E

Municipalities: Monroe Township

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts: 21.0

Sponsor: Gloucester County

Improvement Type: Intersection/Interchange Improvements

Mapped: Y

Phase Fund CD STATE	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	0.500									
Fiscal Year Total	0.500									
	<u>Total FY2018-2021</u>			0.500	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Gloucester

DB# 97112B Route 322, Kings Highway (CR 551)

AQCODE: R1

This intersection improvement project is a breakout of the Route 322 (Commodore Barry Bridge to Route 55) concept development study. The project will provide left-turn movements on all approaches, and address the vertical curve on Route 322. This project will also be bicycle and pedestrian compatible.

CMP: Minor SOV Capacity Adding Subcorr(s): 7A
 Municipalities: Woolwich Township Planning Center: Planned Town Center
 CIS Program Subcategory: Congestion Relief CIS Program Category: Congestion Relief
 Project Manager: Kennard, Amy IPD:0
 Mileposts: 6.72 - 7.25 Sponsor: NJDOT
 Improvement Type: Intersection/Interchange Improvements **Mapped: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CON NHPP	8.630										
Fiscal Year Total	8.630										
	Total FY2018-2021			8.630	Total Later FY2022-2027						

DB# 12417 Route 322, Rt 295 to Tomlin Station Rd (CR 607)

AQCODE: S10

Initiated from the Pavement Management System, this project will resurface within the project limits. In addition: pedestrian improvements at signalized intersections will include, adding or reconstructing curb ramps in accordance with ADA standards; inlet castings along the roadway pavement will be upgraded to bicycle safe grates throughout the project; loop detectors will be replaced with video detection at the Route 322 – Paulsboro-Swedesboro Road (CR 653) signalized intersection and countdown "man/hand" type pedestrian signal heads with push button assemblies will be installed; drainage improvements will be performed including reconstructing non-standard concrete curbs at inlets where inlet conversion is not feasible, and cleaning all inlets and pipes; the existing Conrail railroad crossing will be upgraded with a precast concrete rail crossing and signal warning devices. Safety improvements will be initiated by replacing guide rail and guide rail end treatments that do not meet current design standards, installing RPMs and centerline and shoulder edge line rumble strips, upgrading lighting at signalized intersections as required, and upgrading roadway signs in compliance with current MUTCD standards or requirements for retro-reflectivity. Existing curb will be reconstructed in areas where the roadway profile will be raised due to the overlay.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 7A
 Municipalities: Woolwich Township; Logan Township Planning Center: None
 CIS Program Subcategory: Road Assets CIS Program Category: Road Assets
 Project Manager: Kasbekar, Mike IPD:
 Mileposts: 3.95-6.9 & 7.1-8.2 Sponsor: NJDOT
 Improvement Type: Roadway Rehabilitation **Mapped: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
DES NHPP	1.300										
CON NHPP		4.834									
Fiscal Year Total	1.300	4.834									
	Total FY2018-2021			6.134	Total Later FY2022-2027						

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Gloucester

DB# D1717 **Route 45, Harrison Avenue/Mt Royal Road (CR 678), and Route 45, Berkley Road (CR 632)** *NEW-CD*

AQCODE: R1

This first intersection, at the approximate midpoint of NJ Route 45 between downtown Woodbury and Mullica Hill, was recently signalized and modified to remove one previous approach (Jessups Mill Road). Located along a growing commercial area and amid residential development, this project will reconstruct the intersection and provide for turning lanes and shoulders on all approaches.

The second intersection, near the midpoint of NJ Route 45 between downtown Woodbury and Mullica Hill, is located along a popular strip commercial area amid residential development. This project will reconstruct the intersection and provide for turning lanes and shoulders on all approaches, realign the County Route 632 approaches, and include improved signal timing and measures adopting ADA requirements.

CMP: Not Yet Determined Adding Subcorr(s): 11C

Municipalities: Mantua Township Planning Center: None

CIS Program Subcategory: CIS Program Category: Local System Support

Project Manager: IPD:

Mileposts: 21.75 - 22.56 Sponsor: Gloucester County

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CD STATE	1.000									
Fiscal Year Total	1.000									
	<u>Total FY2018-2021</u>			<i>1.000</i>	<u>Total Later FY2022-2027</u>					

DB# 17506 **Rowan University US Route 322 Bypass Study** *NEW-CD*

AQCODE: SDN

This project involves the realignment of Route 322, from Route 55 to Boro Commons Drive, around the Rowan University Campus. The growth of Rowan University has resulted in new campus development and increased traffic demands along US Route 322, a key Principal Arterial immediately west of downtown Glassboro, NJ. Conversely, the university campus generates sizeable pedestrian and campus-related mobility demands having to traverse Route 322, with resulting operations, capacity and safety concerns. This project will unify the campus and alleviate congestion through Glassboro on Route 322, Main Street, CR 533 and Delsea Drive (Route 47).

CMP: Not Yet Determined Adding Subcorr(s): 7E, 11A

Municipalities: Glassboro Borough Planning Center: None

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: To be determined IPD:

Mileposts: 15.0-18.2 Sponsor: Gloucester County

Improvement Type: Roadway New Capacity **Mapped: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CD STATE	1.000									
Fiscal Year Total	1.000									
	<u>Total FY2018-2021</u>			<i>1.000</i>	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Gloucester

DB# 17507

Rowan University US Route 322 Campus Downtown Intersection

NEW-CD

AQCODE: R1

This is an intersection improvement project that will provide congestion relief and stormwater management at the Bowe Boulevard and Route 322 intersection. This intersection is the westerly gateway to the Rowan University campus, and also serves as a key entry point to Glassboro High School (north on Bowe Boulevard). This project will widen the intersection and provide left hand turn lanes on all approaches to support improved operations and safety, and provide for drainage improvements.

CMP:	Minor SOV Capacity	Adding Subcorr(s): 7E
Municipalities:	Glassboro Borough	Planning Center: Town Center
CIS Program Subcategory:		CIS Program Category: Congestion Relief
Project Manager:	To be determined	IPD:
Mileposts:	16.6	Sponsor: Gloucester County
Improvement Type:	Intersection/Interchange Improvements This project may be suitable for ITS treatments.	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CD STATE	1.000									
Fiscal Year Total	1.000									
	<u>Total FY2018-2021</u>			1.000	<u>Total Later FY2022-2027</u>					

Total for Gloucester (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

27.241	41.932	4.069	35.310	36.519	1.000	0.238	1.000	0.238	1.000
<u>Total FY2018-2021</u>			108.552	<u>Total Later FY2022-2027</u>				39.995	

DVRPC FY2018-2021 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	Mapped: Y

	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Fiscal Year Total	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
	<u>Total FY2018-2021</u>			<i>0.400</i>	<u>Total Later FY2022-2027</u>			<i>0.600</i>		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Mercer

DB# D1710

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

NEW-LG

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: NJDOT

Improvement Type: Bridge Repair/Replacement

Local Project: Y

Mapped: Y

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)								
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027			
FD	STBGP-STU		2.500											
CON	STBGP-STU			11.000	19.000	8.415	0.000							
PE	STBGP-STU	1.250												
Fiscal Year Total		1.250	2.500	11.000	19.000	8.415	0.000							
		<u>Total FY2018-2021</u>			<u>33.750</u>			<u>Total Later FY2022-2027</u>				<u>8.415</u>		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Mercer

DB# D1011 **Mercer County Bus Purchase** *RETURN*

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

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC CMAQ	0.000		0.707		0.707		0.707		0.707	
Fiscal Year Total	0.000		0.707		0.707		0.707		0.707	
	<u>Total FY2018-2021</u>			<i>0.707</i>	<u>Total Later FY2022-2027</u>			<i>2.121</i>		

DB# D1511 **Mercer County Guiderail Inventory and Condition Assessment**

AQCODE: S9 This project will provide an engineering assessment of guiderail installed along Mercer County highways and abutting off-network bridges maintained by the County. Analysis will include location and physical attributes, current condition, and design recommendations to bring installations into compliance with current standards, considering also minor drainage and grading improvements to eliminate guiderail.

CMP:	Not SOV Capacity Adding	Planning Center: None
Municipalities:	Various	CIS Program Category: Local System Support
CIS Program Subcategory:		IPD:
Project Manager:		Sponsor: Mercer County
Mileposts:	N/A	Local Project: Y Mapped: Y
Improvement Type:	Intersection/Interchange Improvements	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PLS 14-STATE-DVRPC	0.100									
Fiscal Year Total	0.100									
	<u>Total FY2018-2021</u>			<i>0.100</i>	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Mercer

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 Planning Center: None

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

Project Manager: Kumar, Arun IPD:

Mileposts: N/A Sponsor: Mercer County

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC 16-STATE-DVRPC	0.000									
EC STBGP-STU		1.300		0.800		0.800		1.000		1.000
Fiscal Year Total	0.000	1.300		0.800		0.800		1.000		1.000
	Total FY2018-2021		2.100		Total Later FY2022-2027			2.800		

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PLS 17-STATE-DVRPC		0.225								
Fiscal Year Total		0.225								
	Total FY2018-2021		0.225		Total Later FY2022-2027					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Mercer

DB# D1703 Princeton Bicycle Parking Infrastructure

AQCODE: A2

Bicycle lockers, shelters, and racks will be installed at various municipal-own properties in Princeton, including the following: 2 bike shelters at SE corner of the South Tulane St/Spring St intersection, 10 bike lockers in the alley behind Chambers St Garage, 1 bike shelter and 5 bike lockers at the municipal parking lot NE of Witherspoon/Nassau St (between Witherspoon and South Tulane Sts), 1 bike shelter in alley west of the Spring St garage, 1 bike shelter near Nomad Pizza and 1 bike shelter near PNC Bank on North Harrison St, 2 bike shelters near the Princeton Public Library on Witherspoon St, and 1 bike shelter and 5 bike lockers at 400 Witherspoon St.

On October 22, 2015, the DVRPC Board approved this FY2015 Competitive CMAQ project for \$196,000 CMAQ funds to install new bicycle parking infrastructure and expand the Princeton Bike Share Program by installing five municipal bike stations, purchase new bicycles, and bike sharing operations. In FY18, the project scope needed to substantially reduce by only providing bicycle parking infrastructure around the Princeton community on public right-of-way, as bike sharing operations are not CMAQ eligible, and new bicycles were donated to the community after Oct. 2015 award.

CMP: Municipalities: Princeton Borough Planning Center: None
 CIS Program Subcategory: CIS Program Category: Local System Support
 Project Manager: IPD:
 Mileposts: N/A Sponsor: Princeton Township
 Improvement Type: Bicycle/Pedestrian Improvement **Local Project: Y Mapped: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON CMAQ	0.196	0.000								
Fiscal Year Total	0.196	0.000								
	Total FY2018-2021			0.196	Total Later FY2022-2027					

DB# D0701 Princeton-Hightstown Road Improvements, CR 571

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.

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 **Local Project: Y Mapped: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES 15-STATE-DVRPC		0.100								
DES 16-STATE-DVRPC		0.006								
CON 18-STATE-DVRPC	0.000	5.000	5.000							
Fiscal Year Total	0.000	5.106	5.000							
	Total FY2018-2021			10.106	Total Later FY2022-2027					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Mercer

DB# 17419 **Route 1, Alexander Road to Mapleton Road** **LRPID: 84** **NEW**

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).

Note that project limits extend outside of DVRPC's region (Middlesex County), and funding for this project as shown in DVRPC Regional Highway Program reflects only DVRPC's portion of the project. The total estimated project cost is \$34.9 million (\$1.5 million for PE; \$2.5 million for DES; \$3 million for ROW; and \$27.9 million for CON).

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:	11.1 – 12.1	Sponsor: NJDOT
Improvement Type:	Roadway New Capacity	Mapped: Y
	This project contains ITS elements.	

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON	CMAQ					3.900					
DES	STATE			0.500							
PE	STATE	0.300									
Fiscal Year Total		0.300		0.500		3.900					
		Total FY2018-2021		0.800	Total Later FY2022-2027					3.900	

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Mercer

DB# 01330A **Route 1, Southbound, Nassau Park Boulevard to Quaker Bridge Mall Overpass**

AQCODE: 2020M

This project resulted from a Congestion Management Study. Operational and safety improvements are proposed in the southbound direction. Critical concerns include: the safety/efficiency in the separation of the through and local traffic; safety of weaving and merge operations on the Collector/Distributor (C/D) roadway; density of roadside driveways and associated vehicle conflicts; and the inadequate or lack of acceleration/deceleration lanes at Quaker Bridge Mall ramps. Widening of Rt. 1 Southbound to 3 through lanes with a 2 lane C/D road is proposed. Driveway access revisions are also included to minimize conflicts.

CMP:	Minor SOV Capacity	Adding Subcorr(s): 4B
Municipalities:	Lawrence Township; West Windsor Township	Planning Center: Metropolitan Subcenter
CIS Program Subcategory:	Safety	CIS Program Category: Congestion Relief
Project Manager:	Campi, John	IPD:3
Mileposts:	7.61 - 8.69; 8.94; 9.25	Sponsor: NJDOT
Improvement Type:	Intersection/Interchange Improvements	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CON NHPP	16.950										
Fiscal Year Total	16.950										
	<u>Total FY2018-2021</u>			<u>16.950</u>	<u>Total Later FY2022-2027</u>						

DB# 16336 **Route 1B, Bridge over Five Mile Run** **SD**

AQCODE: S19

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

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:	Campi, John	IPD:
Mileposts:	1.51	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
PE STATE		0.600									
DES STATE				0.100							
CON NHPP						8.850					
Fiscal Year Total		0.600		0.100		8.850					
	<u>Total FY2018-2021</u>			<u>0.700</u>	<u>Total Later FY2022-2027</u>					<u>8.850</u>	

DVRPC FY2018-2021 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	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ROW STATE	0.250									
CON NHPP			9.000	10.411						
Fiscal Year Total	0.250		9.000	10.411						
	<u>Total FY2018-2021</u>		<u>19.661</u>		<u>Total Later FY2022-2027</u>					

DB# 12401 Route 31, Bull Run Road to Branch of Stoney Brook

AQCODE: S10

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

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 8B
Municipalities:	Hopewell Borough; Pennington Borough	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Campi, John	IPD:
Mileposts:	4.7 - 14.3	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON STBGP	7.145									
CON NHPP	0.000									
Fiscal Year Total	7.145									
	<u>Total FY2018-2021</u>		<u>7.145</u>		<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Mercer

DB# 12369 **Route 31, Ewingville Road (CR 636)** **SD**

AQCODE: R1 This project will provide a modified road diet and signal improvements at the intersection. Crash analysis at this intersection indicates a rate approximately double the statewide average.

CMP: Not SOV Capacity Adding

Municipalities: Ewing Township **Planning Center:** None

CIS Program Subcategory: **CIS Program Category:** Safety Management

Project Manager: Campi, John **IPD:**

Mileposts: 3.827 **Sponsor:** NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON HSIP		2.800								
Fiscal Year Total		2.800								
	<u>Total FY2018-2021</u>			2.800	<u>Total Later FY2022-2027</u>					

DB# 15374 **Route 33, Cleveland Avenue to Paxon Avenue** **NEW-G**

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 **Mapped: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON STATE			3.750							
Fiscal Year Total			3.750							
	<u>Total FY2018-2021</u>			3.750	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Mercer

DB# 12412 Route 95M, Route 175 to Railroad Bridge

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

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 8B
Municipalities:	Ewing Township; Hopewell Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Carr, Michael	IPD:
Mileposts:	1.37 - 3.4	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON NHPP		9.800								
CON NHPP	0.000									
Fiscal Year Total	0.000	9.800								
	<u>Total FY2018-2021</u>		<i>9.800</i>		<u>Total Later FY2022-2027</u>					

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.

Note that project limits extend outside of DVRPC's region (Middlesex County), and funding for this project as shown in DVRPC Regional Highway Program reflects only DVRPC's portion of the project.

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	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON NHPP		4.981								
Fiscal Year Total		4.981								
	<u>Total FY2018-2021</u>		<i>4.981</i>		<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Mercer

DB# 14377 Route 195 WB, Route 295 to CR 524/539 (Old York Road)

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

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 1A
Municipalities:	Hamilton Township; Washington Township; Robbinsville Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Campi, John	IPD:
Mileposts:	0.0 - 9.25	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	Mapped: Y

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phase	Fund										
CON	NHPP		8.620								
CON	NHPP	0.000									
Fiscal Year Total		0.000	8.620								
		<u>Total FY2018-2021</u>		<u>8.620</u>					<u>Total Later FY2022-2027</u>		

DB# L064 Route 206, South Broad Street Bridge over Assumpink 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	Local Project: Y Mapped: Y

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phase	Fund										
CON	STBGP-STU			7.100							
UTL	STBGP-STU			1.750							
CON	STBGP-STU		0.000								
Fiscal Year Total			0.000	8.850							
		<u>Total FY2018-2021</u>		<u>8.850</u>					<u>Total Later FY2022-2027</u>		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Mercer

DB# 15431 **Route 295 NB, Exit Ramp to Route 195 EB** **SD**

AQCODE: S2 Improvements will address slope movements and stabilize the embankment to improve driving conditions on the I-295 NB exist ramp to I95 EB. This location received a ranking of "Very Congested" by NJDOT's Congestion Management System.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 1A
Municipalities:	Hamilton Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Kasbekar, Mike	IPD:
Mileposts:	60	Sponsor: NJDOT
Improvement Type:	Intersection/Interchange Improvements	Mapped: Y
	This project may be suitable for ITS treatments.	

	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phase Fund										
CON NHPP							2.950			
ROW NHPP					0.500					
DES STATE		0.800								
PE STATE	0.500									
Fiscal Year Total	0.500	0.800			0.500		2.950			
	<u>Total FY2018-2021</u>		1.300		<u>Total Later FY2022-2027</u>			3.450		

DB# 14378 **Route 295, Route 195/29 to Route 1**

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

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 1A, 4A, 4B, 9B
Municipalities:	Hamilton Township; Lawrence Township	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Campi, John	IPD:
Mileposts:	60.4 - 67.5	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	Mapped: Y

	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phase Fund										
CON NHPP		20.000								
CON NHPP	0.000									
Fiscal Year Total	0.000	20.000								
	<u>Total FY2018-2021</u>		20.000		<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Mercer

DB# D1507 Signal Upgrades

AQCODE: NRS

The aim of the project is to upgrade traffic control devices in Ewing Township to improve safety. Traffic control devices at the following intersections currently have signal masts on curbed islands that present fixed object hazards immediately adjacent to the travel way:

1. Olden Avenue (CR 622) at Artic Parkway (CR 639) - work will include the removal of masts from islands, upgrade masts and signals, turn radius restriping for safety per DVRPC Road Safety Audit, ADA compliance.
2. Olden Avenue (CR 622) at US 206S (CR 583), Princeton Avenue – work will include the removal of a mast and controller from island, upgrade masts and signals, ADA compliance, implementation of operational recommendations from DVRPC-funded TCDI project, and congestion and crash site analysis project, and milling and resurfacing at the intersection.
3. US 206S (CR 583), Princeton Avenue at Spruce Street (CR 613) – work will include the removal of a mast from island, upgrade masts and signals, ADA compliance, and the implementation of operational recommendations from DVRPC-funded TCDI project.

This project CON phase was encumbered on Dec. 6, 2017 in FY18 by using \$1,000,000 STATE-DVRPC funds from FY14.

CMP: Not SOV Capacity Adding

Municipalities: Ewing Township

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Local System Support

Project Manager: Kumar, Arun

IPD:

Mileposts: N/A

Sponsor: Mercer County

Improvement Type: Signal/ITS Improvements

Local Project: Y Mapped: Y

This project contains ITS elements.

	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phase Fund										
CON 14-STATE-DVRPC	1.000									
Fiscal Year Total	1.000									
	Total FY2018-2021			1.000	Total Later FY2022-2027					

DVRPC FY2018-2021 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.

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	Local Project: Y Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES 15-STATE-DVRPC		0.500								
ROW 15-STATE-DVRPC			2.200							
UTL STBGP-STU					6.000	9.800				
DES 14-STATE-DVRPC		1.500								
CON STBGP-STU					4.149	9.000	12.751			
Fiscal Year Total		2.000	2.200		10.149	18.800	12.751			
		Total FY2018-2021		4.200	Total Later FY2022-2027			41.700		

Total for Mercer (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

26.691	56.501	38.907	30.411	19.871	32.450	16.508	1.100	0.807	1.100
Total FY2018-2021			152.510	Total Later FY2022-2027			71.836		

DVRPC FY2018-2021 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: Hecht, Dana IPD:

Mileposts: N/A Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC BRIDGE-OFF		3.843								
ERC NHPP	10.900	5.031	4.000	4.000	4.000	4.000	8.000	8.000	12.000	12.000
Fiscal Year Total	10.900	8.874	4.000	4.000	4.000	4.000	8.000	8.000	12.000	12.000
	Total FY2018-2021			27.774	Total Later FY2022-2027			48.000		

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: Schoonmaker, Elizabeth IPD:

Mileposts: N/A Sponsor: DVRPC

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC 14-STATE-DVRPC	0.000									
ERC 15-STATE-DVRPC	0.000									
ERC 16-STATE-DVRPC	0.083									
ERC 17-STATE-DVRPC	0.479									
ERC 18-STATE-DVRPC	3.500									
ERC STBGP-STU	0.486	3.100	0.791	0.276	1.025	1.163	7.296	12.741	21.348	21.865
Fiscal Year Total	4.548	3.100	0.791	0.276	1.025	1.163	7.296	12.741	21.348	21.865
	Total FY2018-2021			8.715	Total Later FY2022-2027			65.438		

DVRPC FY2018-2021 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STBGP-STU		0.200		0.200		0.200		0.200		0.200
Fiscal Year Total		0.200		0.200		0.200		0.200		0.200
	<u>Total FY2018-2021</u>		<i>0.400</i>		<u>Total Later FY2022-2027</u>			<i>0.600</i>		

DVRPC FY2018-2021 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. The DVRPC program will contribute to the following projects selected as part of the DVRPC competitive CMAQ Program: Diesel Engine Locomotive Retrofits, Gloucester County CNG Transit Vehicles, Gloucester Marine Terminal Truck Engine Retrofit, Province Line Road Bike Trail, and Haddon Avenue Roadway Improvements.

\$1 million of the \$5 million made available for the FY2018 DVRPC Competitive CMAQ Program for New Jersey was set-aside for construction-ready Circuit Trail projects that are CMAQ-eligible. On Dec. 5, 2018, the DVRPC Board approved the following six projects recommended for CMAQ funding from FY19 to FY21 through the competitive program:

- 1) \$1,214,400 CMAQ for the construction of the Maidenhead Meadows Trail (DB #D1909 / UPC #193630) that is part of The Circuit in Lawrence Township (applicant), Mercer County;
- 2) \$1,185,000 CMAQ for the construction of intersection Improvements at Hamilton Avenue (CR 606) and Kuser Road (CR 619)/Ward Avenue and Hamilton Avenue and Liberty Street (DB #D1908 / UPC #193620) in Hamilton Township, Mercer County (applicant);
- 3) \$958,500 CMAQ for the construction of the Gloucester Township Bicycle Trail from Oak Avenue to Evesham Road (DB #D1907 / UPC #193610) that is part of The Circuit in Gloucester Township (applicant), Camden County;
- 4) \$200,000 CMAQ for the Pay\$ to Plug In: New Jersey's Electric Vehicle (EV) Charging Grants Program by NJDEP (applicant). The DVRPC CMAQ award would be restricted to benefit only Local Public Agencies in the DVRPC NJ region, such as municipalities.
- 5) \$124,440 CMAQ for Electric Vehicle Ride and Drive Events by NJDEP (applicant); and
- 6) \$216,000 CMAQ for Emergency Medical Services Idle Reduction Grant Program by NJDEP (applicant), which would serve as a new pilot program conducted by NJDEP in the State of New Jersey for the DVRPC NJ region.. The DVRPC CMAQ award will request NJDEP to require entities to keep APUs in operation for four years instead of three years.

These six projects must authorize their CMAQ award by August 2021. When these projects are ready to request for authorization, they would be broken out into their own DB #s via Administrative Action.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: Etz, Monica IPD:

Mileposts: N/A Sponsor: Local Lead

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC CMAQ	0.229	1.560	2.031	1.910	2.031	6.010	2.231	2.110	2.231	2.410	
Fiscal Year Total	0.229	1.560	2.031	1.910	2.031	6.010	2.231	2.110	2.231	2.410	
	<u>Total FY2018-2021</u>				<u>5.730</u>		<u>Total Later FY2022-2027</u>				<u>17.023</u>

DVRPC FY2018-2021 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
 CIS Program Subcategory: Local Aid
 Project Manager: Abuhuzeima, Shukri / Green, Elkins
 Mileposts: N/A
 Improvement Type: Other

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PLS STBGP-STU	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700
Fiscal Year Total	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700
	Total FY2018-2021			2.800	Total Later FY2022-2027			4.200		

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
 CIS Program Subcategory: Local Aid
 Project Manager: Broccoleri, Dave
 Mileposts: N/A
 Improvement Type: Other

Planning Center: None
 CIS Program Category: Local System Support
 IPD:
 Sponsor: Local Lead
Mapped: N

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	30.040	32.540	32.540	32.540	32.540	32.540	32.540	30.270	30.270	30.270
Fiscal Year Total	30.040	32.540	32.540	32.540	32.540	32.540	32.540	30.270	30.270	30.270
	Total FY2018-2021			127.660	Total Later FY2022-2027			188.430		

DVRPC FY2018-2021 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: Abuhuzeima, Shukri IPD:

Mileposts: N/A Sponsor: Local Lead

Improvement Type: Other **Mapped: N**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	26.690	29.190	29.190	29.190	29.190	29.190	29.190	27.020	27.020	27.020
Fiscal Year Total	26.690	29.190	29.190	29.190	29.190	29.190	29.190	27.020	27.020	27.020
	Total FY2018-2021			114.260	Total Later FY2022-2027			168.630		

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.

HSIP-eligible projects in DVRPC that are approved for HSIP funding are listed as follows:

- (1) City of Camden's Mt. Ephraim Corridor Safety Improvements
 - (2) Mercer County's Parkway Avenue Road Diet Concept Development Study
 - (3) Mercer County's Brunswick Circle Extension Roundabout
 - (4) Burlington County's systemic roundabout at the CR 541 (Stokes Road)/CR 648 (Willow Grove Road) intersection in Shamong Township (\$2.5 million est. for design and construction).
 - (5) Camden County's systemic roundabout, CR 705 Sicklerville Road & CR 706 Erial Road., in Winslow Township.
- These projects will draw out funding at the appropriate time for obligation.

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 IPD:

Mileposts: N/A Sponsor: Local Lead

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC HSIP	3.000	3.000	3.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
Fiscal Year Total	3.000	3.000	3.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
	Total FY2018-2021			13.000	Total Later FY2022-2027			24.000		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Various

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.

As approved by the DVRPC Board on Jan. 24, 2019 for the FY2020 DVRPC UPWP, \$1,850,000 STBGP-STU funds in FY19 would provide for the following projects: NJ Local Concept Development Admin./Competitive Program and Project Management (\$100,000), Local Concept Development Projects (\$430,000), Central Jersey Transportation Forum (\$125,000), NJ Supportive Regional Highway Planning Program (\$409,000 STBGP-STU/\$102,250 SILOC), NJ Regional Transportation GIS Implementation/ Coordination (\$350,000), Enhance and Maintain Travel Forecasting Tools (\$185,600), and 2020 Aerial Imagery (\$250,000).

As approved by the DVRPC Board on Jan. 25, 2018 for the FY2019 DVRPC UPWP, \$2,694,600 STBGP-STU funds in FY18 would provide for the following projects: NJ Local Concept Development Admin./Competitive Program and Project Management (\$100,000), Local Concept Development Projects (\$1,500,000), Central Jersey Transportation Forum (\$150,000), NJ Supportive Regional Highway Planning Program (\$409,000 STBGP-STU/\$102,250 SILOC), NJ Regional Transportation GIS Implementation/ Coordination (\$350,000), and Enhance and Maintain Travel Forecasting Tools (\$185,600).

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PLS 18-STATE-DVRPC	1.500									
PLS PL	2.431	2.482	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-STU	1.195	1.850	1.600	1.600	1.600	1.600	1.850	1.600	1.600	1.600
Fiscal Year Total	5.826	5.032	4.838	4.838	4.838	4.838	5.088	4.838	4.838	4.838
	<u>Total FY2018-2021</u>			20.534	<u>Total Later FY2022-2027</u>			29.278		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Various

DB# D1503 New Jersey Pavement Management System

AQCODE: NRS

The Local Pavement Management System will be used to develop a systematic program that can manage existing pavement conditions. An RFP will be issued for a consultant with experience in developing a pavement management system. Development of the system will include the evaluation and inventory of the pavement conditions for the county roadway network. In addition, the system could provide database tools for use in the creation of contract documents for new resurfacing projects. The project is necessary to ensure the Cities and Counties are in full compliance with the new FHWA standards.

CMP: Various Planning Center: None
 CIS Program Subcategory: Local System Support
 Project Manager: Murphy, Richard IPD:
 Mileposts: N/A Sponsor: DVRPC
 Improvement Type: Other **Local Project: Y Mapped: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PLS STBGP-STU	0.000									
Fiscal Year Total	0.000									
	<u>Total FY2018-2021</u>			<i>0.000</i>	<u>Total Later FY2022-2027</u>					

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. Work will include locations in Burlington and Camden Counties.

CMP: Not SOV Capacity Adding
 Municipalities: Various Planning Center: None
 CIS Program Subcategory: Congestion Relief
 Project Manager: IPD:
 Mileposts: N/A 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PLS CMAQ	0.000	0.350								
Fiscal Year Total	0.000	0.350								
	<u>Total FY2018-2021</u>			<i>0.350</i>	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 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, educational materials and outreach 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 providing public education about ozone and actions that will reduce contributions to regional emissions.

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

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC CMAQ	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040
Fiscal Year Total	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040
	<u>Total FY2018-2021</u>			<i>0.160</i>	<u>Total Later FY2022-2027</u>			<i>0.240</i>		

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
 CIS Program Subcategory: Safety
 Project Manager: Hirt, Todd
 Mileposts: N/A
 Improvement Type: Intersection/Interchange Improvements
 This project may be suitable for ITS treatments.

Planning Center: None
 CIS Program Category: Safety Management
 IPD:
 Sponsor: NJDOT
Mapped: N

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC HWYINF		1.900								
EC STBGP	0.200									
EC RHC	2.800	2.800	3.000	3.000	3.200	3.200	3.400	3.400	3.600	3.600
Fiscal Year Total	3.000	4.700	3.000	3.000	3.200	3.200	3.400	3.400	3.600	3.600
	<u>Total FY2018-2021</u>			<i>13.700</i>	<u>Total Later FY2022-2027</u>			<i>20.400</i>		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Highway Program

Final Version

Various

DB# 99327A Resurfacing, Federal

AQCODE: S10

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

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: Gresavage, Sue IPD:

Mileposts: N/A Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC NHPP					7.000	7.000	7.000	7.000	18.000	24.000
Fiscal Year Total					7.000	7.000	7.000	7.000	18.000	24.000
	Total FY2018-2021				Total Later FY2022-2027 70.000					

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 RideECO 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. RideECO 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC CMAQ	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Fiscal Year Total	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
	Total FY2018-2021 0.200				Total Later FY2022-2027 0.300					

DVRPC FY2018-2021 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.

Line item will also fund \$3 million TAP-R funded construction project, Arney's Mount Trail, Phase 1, (DB#D1713), in order to be consistent with other TAP-R funded projects.

On May 23, 2019, the DVRPC Board approved the following six projects totaling \$3,753,000:
 \$680,000 for Camden City's River Birch Trail
 \$1,220,000 for Camden County's Atlantic Avenue Trail
 \$562,000 for Florence Township's Fifth Street Rail to Trail
 \$343,000 for Palmyra Borough's Temple Boulevard Enhancements
 \$408,000 for Gibbsboro Borough's Phase 5 Bikeway and Streetscape Improvements along Lakeview Drive from Kresson Road to Silver Lake
 \$540,000 for Gloucester Township's Lakeland Road Connector Trail

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Abuhuzeima, Shukri IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Streetscape **Mapped: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC TAP	1.400	6.379	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400
Fiscal Year Total	1.400	6.379	1.400	1.400	1.400	1.400	1.400	1.400	1.400	1.400
	<u>Total FY2018-2021</u>			<i>10.579</i>	<u>Total Later FY2022-2027</u>			<i>8.400</i>		

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: Schoonmaker, Elizabeth IPD:

Mileposts: N/A Sponsor: DVRPC

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STBGP-STU	0.680	0.105	0.680	0.105	0.680	0.105	0.680	0.105	0.680	0.105
Fiscal Year Total	0.680	0.105	0.680	0.105	0.680	0.105	0.680	0.105	0.680	0.105
	<u>Total FY2018-2021</u>			<i>1.570</i>	<u>Total Later FY2022-2027</u>			<i>2.355</i>		

DVRPC FY2018-2021 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): Keep Middlesex Moving; Hudson, Meadowlink, TransOptions; Ridewise; HART Commuter Information Services; Cross County Connection; and Greater Mercer. The role of the TMAs is to promote statewide Transportation Demand Management (TDM) initiatives to reduce commuter work trips. The TMAs will also deliver programs that include but are not limited to the following; Ridesharing Information Services, Employer TDM Services, Corridor Management Support, Park and Ride Promotion, Traffic Mitigation Projects, Smart Workplaces New Jersey, coordination of transportation services for transportation disadvantaged populations, Transit Development and Promotion, Bicycle and Pedestrian Safety Programs, as well as other incentive and demonstration programs in transportation demand management for commuters.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Local Project: Y Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC STBGP-STU	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	
Fiscal Year Total	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	
	Total FY2018-2021				8.000		Total Later FY2022-2027				12.000

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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC STBGP-STU	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.234	
Fiscal Year Total	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.234	0.234	
	Total FY2018-2021				0.936		Total Later FY2022-2027				1.404

Total for Various (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

88.875	98.054	84.494	84.483	92.928	96.670	103.849	104.108	128.411	134.732	
Total FY2018-2021				355.906		Total Later FY2022-2027				660.698

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T143

ADA--Platforms/Stations

NEW

AQCODE: M8

Funding is provided for the design and construction of necessary improvements to make NJ TRANSIT's rail stations, and subway stations compliant with the Americans with Disabilities Act (ADA) including related track and infrastructure work. Funding is requested for upgrades, equipment purchase, platform extensions, and transit enhancements throughout the system and other accessibility improvements at non-key stations. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

Note: This program is "new" only to the Draft DVRPC FY2018 NJ TIP. It has appeared in the TIP of another NJ MPO region.

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	0.209	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
Fiscal Year Total	0.209	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
	Total FY2018-2021			0.899	Total Later FY2022-2027			1.380		

DB# T05

Bridge and Tunnel Rehabilitation

AQCODE: M9

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

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

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

Mapped: Y

Unobligated Prior Year Funding		
Year	Fund	Cost
2014	STATE	\$1.000
2015	STATE	\$1.000
2016	STATE	\$0.997
2017	STATE	\$1.000
		\$3.997

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	0.883	1.033	1.033	1.400	1.312	1.678	1.678	1.678	1.678	1.678
Fiscal Year Total	0.883	1.033	1.033	1.400	1.312	1.678	1.678	1.678	1.678	1.678
	Total FY2018-2021			4.348	Total Later FY2022-2027			9.700		

DVRPC FY2018-2021 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. 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.

Bus Garages/Bus Fleet

There are 3 NJ TRANSIT bus garages in the DVRPC region. Statewide in 2012, NJ TRANSIT operated a fleet of just over 2100 buses. 283 buses (14%) provided service in the DVRPC region and operated accordingly: Hamilton Township garage operates 69 local buses for service in Trenton and surrounding towns in Mercer County. Washington Township garage operates 112 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 102 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).

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

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

Unobligated Prior Year Funding

Year	Fund	Cost
2013	SECT 5339	\$0.799
2014	SECT 5339/5307	\$1.000
2014	STATE	\$30.000
2015	STATE	\$19.000
2016	SECT 5339	\$1.847
2016	STATE	\$14.836
2017	STATE	\$27.000
		\$94.482

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CAP Sect 5339		1.636								
CAP STATE	23.328	26.364	26.163	22.953	22.971	45.412	34.500	34.500	34.500	34.500
Fiscal Year Total	23.328	28.000	26.163	22.953	22.971	45.412	34.500	34.500	34.500	34.500
			Total FY2018-2021	100.444	Total Later FY2022-2027			206.383		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T08 Bus Support Facilities and Equipment

AQCODE: M3

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.

There are 3 NJ TRANSIT bus garages in the DVRPC region. Statewide in 2012, NJ TRANSIT operated a fleet of just over 2100 buses. 283 buses (14%) provided service in the DVRPC region and operated accordingly: Hamilton Township garage operates 69 local buses for service in Trenton and surrounding towns in Mercer County. Washington Township garage operates 112 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 102 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).

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2014	STATE	\$0.000
2015	STATE	\$0.000
2016	STATE	\$0.000
2017	SECT 5307	\$0.000
2017	SECT 5337	\$0.000
2017	STATE	\$0.000
		\$0.000

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC	SECT 5307		1.000									
ERC	SECT 5337		7.000									
ERC	SECT 5339						2.905	2.905	2.905	2.905	2.905	2.905
ERC	STATE	0.559	0.559	0.559	0.559	0.559	4.009	4.009	4.009	4.009	4.009	4.009
Fiscal Year Total		0.559	8.559	0.559	0.559	0.559	6.914	6.914	6.914	6.914	6.914	6.914
<u>Total FY2018-2021</u>				10.236	<u>Total Later FY2022-2027</u>						35.127	

DVRPC FY2018-2021 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 2013, NJ TRANSIT operated a fleet of just over 2200 buses. 275 buses (12.5%) 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 112 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 95 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
2016	STATE	\$0.184
2017	STATE	\$1.000
		\$1.184

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	52.183	51.845	10.406	10.396	8.027	8.027	8.027	8.027	8.027	8.027
Fiscal Year Total	52.183	51.845	10.406	10.396	8.027	8.027	8.027	8.027	8.027	8.027
Total FY2018-2021				124.829	Total Later FY2022-2027				48.162	

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

AQCODE: 2045M

Funding is for the design, 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 Adding Subcorr(s): 2B, 7E, 11A, 11B,

Municipalities: Various Planning Center: Metropolitan Center; Town Center

CIS Program Subcategory: 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE		3.000	2.000							
Fiscal Year Total		3.000	2.000							
Total FY2018-2021				5.000	Total Later FY2022-2027					

DVRPC FY2018-2021 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: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2014	STATE	\$5.000
2015	STATE	\$5.000
2016	STATE	\$4.938
2017	STATE	\$5.000
		\$19.938

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938
Fiscal Year Total	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938
Total FY2018-2021				19.752	Total Later FY2022-2027				29.629	

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T515

Casino Revenue Fund

AQCODE: NRS

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

This project is funded under the provisions of Section 13 of P.L. 1995, c.108. In the DVRPC region, a combination of fixed route, subscription, and demand responsive services are operated by several county and other service providers. A variety of trip purposes are served, including employment, non-emergency medical, nutrition, personal business, and shopping trips.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2014	CASINO REVENUE	\$5.000
2015	CASINO REVENUE	\$4.000
2016	CASINO REVENUE	\$4.329
2017	CASINO REVENUE	\$4.000
		\$17.329

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CAP CASINO REVENUE	4.030	4.030	4.030	4.030	4.030	4.030	4.030	4.030	4.030	4.030
Fiscal Year Total	4.030	4.030	4.030	4.030	4.030	4.030	4.030	4.030	4.030	4.030
Total FY2018-2021				16.121	Total Later FY2022-2027				24.182	

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T13 Claims support

AQCODE: NRS

Funding is provided for claims related to capital projects, expert witnesses, court settlement, and other costs to defend NJ TRANSIT's interests as a result of litigation. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2016	STATE	\$0.460
		\$0.460

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC STATE	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	
Fiscal Year Total	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	
Total FY2018-2021				0.690	Total Later FY2022-2027				1.035		

DB# T16 Environmental Compliance

AQCODE: NRS

Funding is provided for compliance with environmental regulations at both bus and rail facilities 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. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2014	STATE	\$1.000
2015	STATE	\$1.000
2016	STATE	\$0.690
2017	STATE	\$1.000
		\$3.690

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	0.805	1.092	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	
Fiscal Year Total	0.805	1.092	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	
Total FY2018-2021				3.277	Total Later FY2022-2027				4.140		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T43

High Speed Track Program

NEW

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. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	0.059	0.059	0.059	0.059	0.059	0.152	0.152	0.152	0.152	0.152
Fiscal Year Total	0.059	0.059	0.059	0.059	0.059	0.152	0.152	0.152	0.152	0.152
	<u>Total FY2018-2021</u>			<i>0.234</i>	<u>Total Later FY2022-2027</u>			<i>0.820</i>		

DB# T20

Immediate Action Program

AQCODE: NRS

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. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding
 Municipalities: Various
 CIS Program Subcategory: System Preservation
 Project Manager: IPD:
 Mileposts:
 Improvement Type: Transit Improvements
 Planning Center: None
 CIS Program Category: Mass Transit Assets
 Sponsor: NJ TRANSIT
Mapped: Y

Unobligated Prior Year Funding		
Year	Fund	Cost
2014	STATE	\$2.000
2015	STATE	\$2.000
2016	STATE	\$4.161
2017	STATE	\$2.000
		<u>\$10.161</u>

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	3.609	3.056	3.495	2.853	2.760	7.613	5.858	4.017	4.017	5.857
Fiscal Year Total	3.609	3.056	3.495	2.853	2.760	7.613	5.858	4.017	4.017	5.857
	<u>Total FY2018-2021</u>			<i>13.013</i>	<u>Total Later FY2022-2027</u>			<i>30.122</i>		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T199 Job Access and Reverse Commute Program

AQCODE: M1

Funding is provided to continue the Job Access and Reverse Commute (JARC) program with non-federal funds. Moving Ahead for Progress in the 21st Century (MAP-21) eliminated the requirement for dedicated Federal funding for JARC.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Expansion

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2016	MATCH	\$0.989
2016	OPER	\$0.989
2017	OPER	\$1.219
		\$3.197

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
SWI OPER	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219
Fiscal Year Total	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219
Total FY2018-2021				4.876	Total Later FY2022-2027				7.314	

DB# T95 Light Rail Infrastructure Improvements

AQCODE: M6

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. Funding is also provided for NLR Infrastructure and River Line capital asset replacement. 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. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2014	STATE	\$2.000
2015	STATE	\$3.000
2016	STATE	\$3.250
2017	STATE	\$2.000
		\$10.250

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	2.000	2.000	2.000	2.690	2.690	4.990	4.990	4.990	4.990	4.990
Fiscal Year Total	2.000	2.000	2.000	2.690	2.690	4.990	4.990	4.990	4.990	4.990
Total FY2018-2021				8.690	Total Later FY2022-2027				27.640	

DVRPC FY2018-2021 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. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2014	STATE	\$0.000
2015	STATE	\$3.000
2016	STATE	\$0.000
2017	STATE	\$0.000
		\$3.000

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CAP SECT 5337		0.993									
CAP SECT 5337	0.000										
CAP STATE	0.297	0.297	0.446	0.297	0.297	0.297	0.297	0.297	0.297	0.297	
Fiscal Year Total	0.297	1.290	0.446	0.297	0.297	0.297	0.297	0.297	0.297	0.297	
Total FY2018-2021				2.328	Total Later FY2022-2027					1.779	

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

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: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2016	STATE	\$0.115
2017	STATE	\$1.000
		<u>\$1.115</u>

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	1.791	1.265	1.035	0.713	0.115	0.115	0.115	0.115	0.115	0.115
Fiscal Year Total	1.791	1.265	1.035	0.713	0.115	0.115	0.115	0.115	0.115	0.115
	Total FY2018-2021			4.804	Total Later FY2022-2027			0.690		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T44 NEC Improvements

AQCODE: M9

"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 other NJ TRANSIT improvement projects, including associated track and station improvements; platform extensions; and yard improvements. In 2012, average weekday ridership on the Northeast Corridor totaled over 113,000 passenger boardings per day. 2012 Average Weekday Passenger Boardings for the following stations in the DVRPC region were as follows: 4,638 at Trenton Station; 5,019 at Hamilton Station; 1,021 at Princeton Station; 6,816 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: Transit Improvements **Mapped: Y**
 This project may be suitable for ITS treatments.

Unobligated Prior Year Funding		
Year	Fund	Cost
2014	STATE	\$1.000
2015	STATE	\$2.000
2016	STATE	\$1.700
		\$4.700

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC SECT 5307						0.723	0.166	0.920	0.920	0.224
ERC SECT 5337						1.340	1.340	1.340	1.340	1.340
ERC STATE						1.371	1.005	1.005	1.005	1.005
Fiscal Year Total						3.434	2.511	3.265	3.265	2.569
Total FY2018-2021					Total Later FY2022-2027			15.043		

DVRPC FY2018-2021 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 - systemwide, and STARS Program. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

This project may be suitable for ITS treatments.

Unobligated Prior Year Funding

Year	Fund	Cost
2016	STATE	\$0.165
2017	SECT 5307	\$1.000
		\$1.165

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC	Sect 5307		1.000								
ERC	STATE	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165
Fiscal Year Total		0.165	1.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165
Total FY2018-2021					1.659	Total Later FY2022-2027					0.988

DB# T121 Physical Plant

AQCODE: M8

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 facilities. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Transportation Support Facilities

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2016	STATE	\$0.383
		\$0.383

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC	STATE	0.418	0.418	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384
Fiscal Year Total		0.418	0.418	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384
Total FY2018-2021					1.605	Total Later FY2022-2027					2.305

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T135

Preventive Maintenance-Bus

AQCODE: M3

This program provides 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.

There are 3 NJ TRANSIT bus garages in the DVRPC region. Statewide in 2008, NJ TRANSIT operated a fleet of just over 2100 buses. 283 buses (14%) provided service in the DVRPC region and operated accordingly: Hamilton Township garage operates 69 local buses for service in Trenton and surrounding towns in Mercer County. Washington Township garage operates 112 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 102 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).

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.

ARRA funds added is for preventive maintenance (\$2,259,000).

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
2014	SECT 5307	\$0.000
2015	SECT 5307	\$0.000
2015	STP-STU	\$0.000
2016	SECT 5307	\$0.000
2016	STP-STU	\$0.000
2017	OTHER	\$9.000
2017	SECT 5307	\$0.000
		\$9.000

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CAP	SECT 5307		84.405									
CAP	SECT 5307	29.893		25.919	25.919	25.919	25.919	33.081	33.081	33.081	33.081	33.081
CAP	STATE	0.530	0.416	0.702	1.368	1.368	1.368	1.368	1.368	1.368	1.368	1.368
CAP	STBGP-STU	22.600										
Fiscal Year Total		53.023	84.821	26.620	27.286	27.286	27.286	34.449	34.449	34.449	34.449	34.449
		<u>Total FY2018-2021</u>			<u>191.751</u>			<u>Total Later FY2022-2027</u>			<u>192.369</u>	

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T39

Preventive Maintenance-Rail

AQCODE: M3

"This program funds 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 addition, expenditures are for costs of projects in specific years only. In 2012, average weekday ridership on the Northeast Corridor totaled over 113,000 passenger boardings per day. 2012 Average Weekday Passenger Boardings for the following stations in the DVRPC region were as follows: 4,638 at Trenton Station; 5,019 at Hamilton Station; 1,021 at Princeton Station; 6,816 at Princeton Junction. Average weekday ridership on the River Line was 8,700 passenger trips in 2012."

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
2015	SECT 5307	\$0.000
2015	SECT 5337	\$0.000
2016	SECT 5307	\$0.000
2016	SECT 5337	\$0.000
2017	OTHER	\$3.000
2017	SECT 5307	\$0.000
2017	SECT 5337	\$0.000
		\$3.000

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CAP	SECT 5307		10.407									
CAP	SECT 5307	4.899		5.559	5.561	6.165	6.165	4.340	4.340	4.340	4.340	
CAP	SECT 5337	11.418	16.132	9.200	9.200	9.200	9.200	9.200	9.200	9.200	9.200	
CAP	STATE	1.347	1.059	1.784	3.477	3.477	3.477	3.477	3.477	3.477	3.477	
CAP	STBGP-STU	3.900										
Fiscal Year Total		21.564	27.598	16.543	18.239	18.843	18.843	17.017	17.017	17.017	17.017	
		Total FY2018-2021				83.943		Total Later FY2022-2027				105.755

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T106 Private Carrier Equipment Program NEW

AQCODE: NRS

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

Note: This program is "new" only to the Draft DVRPC FY2018 NJ TIP. It has appeared in the TIP of another NJ MPO region.

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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CAP STATE	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	
Fiscal Year Total	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	
Total FY2018-2021				2.760		Total Later FY2022-2027				4.140	

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 2012, average weekday ridership on the Northeast Corridor totaled over 113,000 passenger boardings per day. 2012 Average Weekday Passenger Boardings for the following stations in the DVRPC region were as follows: 4,638 at Trenton Station; 5,019 at Hamilton Station; 1,021 at Princeton Station; 6,816 at Princeton Junction.

Expenditures are for costs of projects in specific years only.

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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CAP STATE	0.762	3.745	3.745	3.745	3.745	3.745	3.745	3.745	3.745	3.745	
Fiscal Year Total	0.762	3.745	3.745	3.745	3.745	3.745	3.745	3.745	3.745	3.745	
Total FY2018-2021				11.995		Total Later FY2022-2027				22.467	

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

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. Rail vehicles operated in the DVRPC region include diesel locomotives, electric locomotives, Comet and MultiLevel coaches and EMUs. This project is funded under the provisions of Section 13 of P.L. 1995, c. 10"

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
2014	STATE	\$3.000
2015	STATE	\$1.000
2016	STATE	\$0.899
		\$4.899

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CAP	STATE	0.149	0.059	0.623	0.059	0.059	0.059	0.059	0.059	0.059	0.059
Fiscal Year Total		0.149	0.059	0.623	0.059	0.059	0.059	0.059	0.059	0.059	0.059
Total FY2018-2021					0.889	Total Later FY2022-2027					0.352

DVRPC FY2018-2021 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".

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding		
Year	Fund	Cost
2014	CMAQ	\$0.000
2014	SECT 5307	\$0.000
2014	STATE	\$0.000
2015	SECT 5307	\$0.000
2016	SECT 5307	\$0.000
2016	STATE	\$0.000
2017	CMAQ	\$0.000
2017	CMAQ	\$0.000
2017	SECT 5307	\$0.000
2017	STATE	\$0.000
		\$0.000

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CAP CMAQ		7.325									
CAP SECT 5307		4.625									
CAP CMAQ	0.000		4.395	4.395	4.395	4.395	4.395	4.395	4.395	4.395	
CAP SECT 5307	10.119		4.229	2.865	3.741	3.338	4.395	4.395	4.395	4.395	
CAP SECT 5337					0.369						
CAP STATE	1.502	1.632	2.759	3.219	9.391	0.699	5.054	5.347	5.347	5.347	
Fiscal Year Total	11.621	13.582	11.383	10.479	17.896	8.432	13.845	14.138	14.138	14.138	
Total FY2018-2021				47.065	Total Later FY2022-2027				82.585		

DVRPC FY2018-2021 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 systemwide, 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 systemwide 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.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements Mapped: Y

Unobligated Prior Year Funding		
Year	Fund	Cost
2016	STATE	\$0.215
		\$0.215

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	0.256	0.256	0.256	0.256	0.274	0.274	0.274	0.274	0.274	0.274	
Fiscal Year Total	0.256	0.256	0.256	0.256	0.274	0.274	0.274	0.274	0.274	0.274	
Total FY2018-2021				1.025	Total Later FY2022-2027				1.643		

DB# T701 River LINE Tier 4 Engine Retrofit Project

AQCODE:

The purpose of this project is to replace existing diesel engines in the River LINE Light Rail vehicles (LRVs). The fleet of 20 River LINE LRVs, currently equipped with Tier 1 diesel engines, will be upgraded to Tier 4-compliant engines. The engine replacement is expected to reduce emissions associated with the operation of the Light Rail fleet along on the River LINE between Trenton and Camden.

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CAP CMAQ	14.000									
Fiscal Year Total	14.000									
Total FY2018-2021				14.000	Total Later FY2022-2027					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T509

Safety Improvement Program

NEW

AQCODE: M5

This program provides funding for safety improvement initiatives systemwide 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: Transit Improvements

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	1.380	1.610	1.610	1.380	0.690	0.690	0.690	0.690	0.690	0.690
Fiscal Year Total	1.380	1.610	1.610	1.380	0.690	0.690	0.690	0.690	0.690	0.690
	<u>Total FY2018-2021</u>			5.980	<u>Total Later FY2022-2027</u>			4.140		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T150 Section 5310 Program

AQCODE: M10

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. This project is funded under the provisions of Section 13 of P.L. 1995, c.108. MATCH funds are provided from the State.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2013	SECT 5310	\$0.000
2013	SECT 5310/STP-	\$0.000
2014	MATCH	\$0.000
2014	SECT 5310	\$0.000
2015	MATCH	\$0.000
2015	SECT 5310	\$0.000
2016	CMAQ	\$0.000
2016	CMAQ 5310	\$0.396
2016	MATCH	\$0.000
2016	SECT 5310	\$0.000
2016	STATE	\$0.000
2017	SECT 5310	\$0.000
2017	STATE	\$0.000
		\$0.396

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CAP	CMAQ 5310	0.180	1.505								
CAP	SECT 5310	1.656	1.656	1.656	1.656	1.656	1.656	1.656	1.656	1.656	1.656
CAP	STATE	0.863	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345	0.345
Fiscal Year Total		2.699	3.506	2.001	2.001	2.001	2.001	2.001	2.001	2.001	2.001
		Total FY2018-2021				Total Later FY2022-2027					
		10.207				12.006					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T151 Section 5311 Program

AQCODE: M1

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

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2013	MATCH	\$1.449
2013	SECT 5311	\$1.449
2014	MATCH	\$0.966
2014	SECT 5311	\$0.966
2015	MATCH	\$0.966
2015	SECT 5311	\$0.966
2016	MATCH	\$0.966
2016	SECT 5311	\$0.966
2017	SECT 5311	\$1.000
		\$9.694

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
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	0.966	0.966	0.966	0.966	0.966	0.966	0.966	0.966	0.966	0.966
CAP	STATE	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023
Fiscal Year Total		1.426	1.426	1.426	1.426	1.426	1.426	1.426	1.426	1.426	1.426
		Total FY2018-2021				Total Later FY2022-2027					
		5.704				8.556					

DVRPC FY2018-2021 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. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Security CIS Program Category: Mass Transit Assets

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

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

Unobligated Prior Year Funding

Year	Fund	Cost
2014	STATE	\$1.000
2015	STATE	\$1.000
2016	STATE	\$0.599
		\$2.599

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
SWI STATE	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600
Fiscal Year Total	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600	0.600
	<u>Total FY2018-2021</u>			2.401	<u>Total Later FY2022-2027</u>			3.602		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T50 Signals and Communications/Electric Traction Systems

AQCODE: M6

This project provides funding for continued modernization/improvements to the signal and communications systems, including signal/communication upgrade of interlockings, and other communication improvements. This project also provides funding for systemwide electric traction general upgrades including: substation replacement, wayside hot box detection system, rail microwave system upgrades, replacement of substation batteries and electric switch heaters, emergency power backup systemwide, rehabilitation of systemwide overhead catenary structures and foundations. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2015	STATE	\$1.000
2016	STATE	\$1.639
2017	STATE	\$4.000
		\$6.639

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	2.578	1.691	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	
Fiscal Year Total	2.578	1.691	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	
	Total FY2018-2021				5.558			Total Later FY2022-2027			3.868

DVRPC FY2018-2021 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. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2013	CMAQ/5310	\$0.000
2013	SECT 5307	\$0.000
2014	SECT 5307	\$0.000
2014	SECT 5307	\$0.000
2015	SECT 5307	\$0.000
2016	CMAQ	\$0.000
2016	SECT 5307	\$0.000
2016	STATE	\$0.000
2017	SECT 5307	\$0.000
2017	STATE	\$0.000
		\$0.000

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC	CMAQ	0.590	1.980								
EC	SECT 5307		0.200								
EC	SECT 5307	0.000		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
EC	STATE	1.926	1.926	1.926	1.926	1.926	1.926	1.926	1.926	1.926	1.926
Fiscal Year Total		2.516	4.106	2.026	2.026	2.026	2.026	2.026	2.026	2.026	2.026
		Total FY2018-2021				Total Later FY2022-2027					
		10.673				12.155					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

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. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 4A, 4B, 8A, 14A
Municipalities:	Various	Planning Center: None
CIS Program Subcategory:	Study & Development	CIS Program Category: Congestion Relief
Project Manager:		IPD:
Mileposts:		Sponsor: NJ TRANSIT
Improvement Type:	Transit Improvements	Mapped: Y
	This project may be suitable for ITS treatments.	

Unobligated Prior Year Funding

Year	Fund	Cost
2014	STATE	\$1.000
2015	STATE	\$1.000
2016	STATE	\$1.057
2017	STATE	\$1.000
		\$4.057

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PLS STATE	1.072	1.072	1.072	1.072	1.072	1.072	1.072	1.072	1.072	1.072
Fiscal Year Total	1.072	1.072	1.072	1.072	1.072	1.072	1.072	1.072	1.072	1.072
	Total FY2018-2021				Total Later FY2022-2027					
	4.290				6.433					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T500 Technology Improvements

AQCODE: M6

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 systemwide, 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. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

This project contains ITS elements.

Unobligated Prior Year Funding

Year	Fund	Cost
2014	STATE	\$5.000
2015	STATE	\$7.000
2016	STATE	\$9.310
2017	STATE	\$2.000
		\$23.310

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC	OTHER	1.093	1.066								
EC	STATE	2.151	2.443	2.151	2.611	3.301	2.841	2.841	2.841	2.841	2.841
Fiscal Year Total		3.243	3.509	2.151	2.611	3.301	2.841	2.841	2.841	2.841	2.841
Total FY2018-2021				11.513	Total Later FY2022-2027						17.503

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T42 Track Program

AQCODE: M9

"Funding is provided for an annual program of track rehabilitation including 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 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. This project is funded under the provisions of Section 13 of P.L. 1995, c.108."

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2014	STATE	\$1.000
2015	STATE	\$1.000
2016	STATE	\$1.055
2017	STATE	\$1.000
		\$4.055

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Phase Fund											
ERC	STATE	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055
Fiscal Year Total		1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055
		Total FY2018-2021				Total Later FY2022-2027					
		4.219				6.329					

DVRPC FY2018-2021 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: M7 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 9030.1C., 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.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various **Planning Center:** None

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

Project Manager: **IPD:**

Mileposts: **Sponsor:** NJ TRANSIT

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

Unobligated Prior Year Funding		
Year	Fund	Cost
2013	SECT 5307-TAP	\$0.000
2014	SECT 5307-TAP	\$0.000
2015	SECT 5307-TAP	\$0.000
2016	SECT 5307-TE	\$0.000
2016	SECT 5339/5307	\$0.000
2017	SECT 5307	\$0.000
2017	SECT 5307-TE	\$0.000
		\$0.000

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC	SECT 5307		8.041									
ERC	SECT 5337		0.000									
ERC	SECT 5307	2.820		5.517	5.565	5.516	5.515	5.517	2.557	2.557	5.287	
ERC	SECT 5337	0.000		2.918	2.918	2.916	2.915	2.915	2.915	2.915	2.915	
ERC	SECT 5339	0.632	0.431	0.700	3.603	3.603	0.699	0.699	0.699	0.699	0.699	
ERC	STBGP-TE			0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	
Fiscal Year Total		3.452	8.472	9.365	12.316	12.266	9.359	9.361	6.401	6.401	9.131	
		Total FY2018-2021			33.605	Total Later FY2022-2027				52.920		

DVRPC FY2018-2021 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 systemwide, 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.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

CIS Program Subcategory: System Expansion

Project Manager:

Mileposts:

Improvement Type: Transit Improvements

Planning Center: None

CIS Program Category: Congestion Relief

IPD:

Sponsor: NJ TRANSIT

Mapped: Y

This project may be suitable for ITS treatments.

Unobligated Prior Year Funding

Year	Fund	Cost
2015	STATE	\$1.000
2016	STATE	\$0.058
2017	STATE	\$3.000
		\$4.058

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	
Fiscal Year Total	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	
Total FY2018-2021				0.230	Total Later FY2022-2027						0.345

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T303

Walter Rand Transportation Center

NEW

AQCODE: M8

The Water Rand Transportation Center (WRTC) is the regional transit hub for southern New Jersey, located across from Cooper University Hospital and Cooper Medical School of Rowan University, in the center of the Business District. WRTC services the Port Authority Transit Corporation (PATCO) high speed line, NJ Transit RiverLINE and proposed Glassboro-Camden Line (GCL), as well as serving as the hub for 26 regional NJ Transit bus lines that connect to Philadelphia, New Jersey and New York. Proposed changes include significant improvements to the building façade, renovations to the interior waiting area (including retail amenities) and new way finding signage. In addition, bus, taxi and train access may be consolidated and made more efficient. Critical to the concept development phase of this project is a focus on improved pedestrian and vehicular traffic flow, which will be accomplished by consolidating all of the existing bus lines inside an expanded and redesigned bus terminal. The redesign of the WRTC will provide better connections for parking, buses, taxis, public transit and retail space making it easier for pedestrians to navigate the transit center and the surrounding area.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 2B, 5A, 6H
Municipalities:	Camden City	Planning Center: Metropolitan Center
CIS Program Subcategory:		CIS Program Category: Mass Transit Assets
Project Manager:	To be determined	IPD:
Mileposts:	N/A	Sponsor: NJ TRANSIT
Improvement Type:	Transit Improvements	Mapped: Y
	This project may be suitable for ITS treatments.	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	2.000									
Fiscal Year Total	2.000									
	<u>Total FY2018-2021</u>			<i>2.000</i>	<u>Total Later FY2022-2027</u>					

Total for Various (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

222.489	272.329	141.076	139.873	144.732	171.744	168.905	165.151	165.152	169.026
<u>Total FY2018-2021</u>			<i>775.767</i>	<u>Total Later FY2022-2027</u>				<i>984.710</i>	

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

DRPA/PATCO

DB# DR046 DRPA - Rebuild PATCO Cars

AQCODE: M10

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

The following special Federal appropriations were allocated to this project. SAFETEA-LU provided \$10,000,000 under Section 1934 (DEMO ID# NJ245, bal. avail. \$4,079,550) and \$40,000,000 under Section 1701. LY30 Transport Projects provided DEMO ID #NJ261 \$962,025.

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

Planning Center: None
 CIS Program Category: Mass Transit Assets
 IPD:
 Sponsor: DRPA/PATCO

Mapped: N

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC	DRPA	0.000	1.115	1.400							
EC	SECT 5309	0.000									
EC	SECT 5307	0.000	4.462	5.600							
Fiscal Year Total		0.000	5.577	7.000							
Total FY2018-2021					12.577	Total Later FY2022-2027					

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
 CIS Program Subcategory: DRPA Improvement
 Project Manager: DRPA/PATCO
 Mileposts:
 Improvement Type: Transit Improvements

Planning Center: None
 CIS Program Category: Mass Transit Assets
 IPD:
 Sponsor: DRPA/PATCO

Mapped: N

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC	DRPA	0.000	0.545	0.800							
ERC	SECT 5337	0.000	2.178	3.200							
Fiscal Year Total		0.000	2.723	4.000							
Total FY2018-2021					6.723	Total Later FY2022-2027					

DVRPC FY2018-2021 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	DRPA	\$0.000
2017	DRPA	\$0.000
2017	SECT 5307	\$0.000
		\$0.000

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC DRPA	0.000	0.509	0.300							
ERC SECT 5307	0.000	2.037	1.200							
Fiscal Year Total	0.000	2.546	1.500							
Total FY2018-2021				4.046	Total Later FY2022-2027					

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
		\$0.000

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC DRPA	0.000	1.400	0.950	0.200						
EC SECT 5337	0.000	5.600	3.800	0.800						
Fiscal Year Total	0.000	7.000	4.750	1.000						
Total FY2018-2021				12.750	Total Later FY2022-2027					

DVRPC FY2018-2021 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**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC DRPA	0.800	1.500	0.727	0.000						
ERC SECT 5337	5.200	6.000	2.906	0.000						
Fiscal Year Total	6.000	7.500	3.633	0.000						
	Total FY2018-2021				Total Later FY2022-2027					
	17.133									

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.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC DRPA	0.000	0.200	0.300	0.860	0.900	0.600				
EC SECT 5307						2.400				
EC SECT 5307	0.000	0.800	1.200	3.440	3.600					
Fiscal Year Total	0.000	1.000	1.500	4.300	4.500	3.000				
	Total FY2018-2021				Total Later FY2022-2027					
	6.800				7.500					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

DRPA/PATCO

DB# DR1803 PATCO Station Platform Rehabilitation **NEW**

AQCODE: M8 This project will consist of the planning and design to include reinforcement of concrete, steel member rehabilitation, steel and concrete components of the platforms & stairway enclosures.

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC DRPA		0.000	0.100	0.260	0.200	0.200	1.000	1.000	1.600	1.600	
ERC SECT 5307						0.800	4.000	4.000	6.400	6.400	
ERC SECT 5307		0.000	0.400	1.040	0.800						
Fiscal Year Total		0.000	0.500	1.300	1.000	1.000	5.000	5.000	8.000	8.000	
		Total FY2018-2021			1.800		Total Later FY2022-2027				28.000

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	Planning Center: None
Municipalities:	Various	CIS Program Category: Mass Transit Assets
CIS Program Subcategory:	DRPA Improvement	IPD:
Project Manager:	DRPA/PATCO	Sponsor: DRPA/PATCO
Mileposts:		
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
		\$0.000

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC DRPA	0.000	1.655	0.790	0.395	0.395	0.395	0.395	0.395	0.395	0.395	
ERC SECT 5307	0.000	3.359	1.003	0.600	0.700	0.700	0.700	0.700	0.700	0.700	
ERC SECT 5337	0.000	2.400	1.457	0.700	0.600	0.600	0.600	0.600	0.600	0.600	
ERC SECT 5340	0.000	0.861	0.700	0.280	0.280	0.280	0.280	0.280	0.280	0.280	
Fiscal Year Total	0.000	8.275	3.950	1.975	1.975	1.975	1.975	1.975	1.975	1.975	
		Total FY2018-2021			14.200		Total Later FY2022-2027				11.850

DVRPC FY2018-2021 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/Center Tower 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
		\$0.000

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC DRPA	0.000	0.883	0.400							
ERC SECT 5337	0.000	3.533	1.600							
Fiscal Year Total	0.000	4.416	2.000							
Total FY2018-2021				6.416	Total Later FY2022-2027					

DB# DR1801 Reopening of Franklin Square

NEW

AQCODE: 2035M

The re-opening of Franklin Square will include scoping and preliminary design work needed to repair, update, and enhance the currently closed station to 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/PATCO CIS Program Category: Mass Transit Assets
 Project Manager: DRPA/PATCO IPD:
 Mileposts: N/A Sponsor: DRPA/PATCO
 Improvement Type: Transit Improvements Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC DRPA	0.000	0.343	1.100	1.600	1.600	1.800					
ERC SECT 5337	0.000	1.371	4.400	6.400	6.400	7.200					
Fiscal Year Total	0.000	1.714	5.500	8.000	8.000	9.000					
Total FY2018-2021				15.214	Total Later FY2022-2027						17.000

DVRPC FY2018-2021 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
		<u>\$0.000</u>

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC DRPA	0.000	0.250	0.200	0.100	0.100	0.100	0.100	0.100	0.100	0.100	
ERC SECT 5337	0.000	1.000	0.800	0.400	0.400	0.400	0.400	0.400	0.400	0.400	
Fiscal Year Total	0.000	1.250	1.000	0.500	0.500	0.500	0.500	0.500	0.500	0.500	
Total FY2018-2021				2.750	Total Later FY2022-2027						3.000

DB# DR1802 Subway Structures Renovation

NEW

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/PATCO

CIS Program Category: Mass Transit Assets

Project Manager: DRPA/PATCO

IPD:

Mileposts: N/A

Sponsor: DRPA/PATCO

Improvement Type: Transit Improvements

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC DRPA	0.000	0.200	0.400	0.300	0.600	0.550	0.800	0.400			
ERC SECT 5337						2.200	3.200	1.600			
ERC SECT 5337	0.000	0.800	1.600	1.200	2.400						
Fiscal Year Total	0.000	1.000	2.000	1.500	3.000	2.750	4.000	2.000			
Total FY2018-2021				4.500	Total Later FY2022-2027						11.750

DVRPC FY2018-2021 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
		\$0.000

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC DRPA	0.000	0.052	0.028	0.014	0.014	0.014	0.014	0.014	0.014	0.014	
ERC SECT 5307	0.000	0.207	0.112	0.056	0.056	0.056	0.056	0.056	0.056	0.056	
Fiscal Year Total	0.000	0.259	0.140	0.070	0.070	0.070	0.070	0.070	0.070	0.070	
<u>Total FY2018-2021</u>				<i>0.469</i>	<u>Total Later FY2022-2027</u>						<i>0.420</i>

Total for Various (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

6.000	43.260	37.473	18.645	19.045	18.295	11.545	9.545	10.545	10.545	
<u>Total FY2018-2021</u>				<i>105.378</i>	<u>Total Later FY2022-2027</u>					<i>79.520</i>

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Gloucester

DB# 16322 **ADA South, Contract 5** *NEW*

AQCODE: A2 This project will make DB: 11422 UPC: 114220 - Rt. 9, Meadowview Ave. to Garden State Parkway, Pavement & DB: 13333 UPC: 133330 - Rt. 47 CR 690 to Howard St. ADA compliant.

CMP:	Not SOV Capacity Adding	
Municipalities:	Clayton Borough	Planning Center: None
CIS Program Subcategory:		CIS Program Category: Multimodal Programs
Project Manager:	Kennard, Amy	IPD:
Mileposts:	N/A	Sponsor: NJDOT
Improvement Type:	Bicycle/Pedestrian Improvement	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON STATE		1.360								
Fiscal Year Total		1.360								
	<u>Total FY2018-2021</u>			<i>1.360</i>	<u>Total Later FY2022-2027</u>					

Total for Gloucester (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

	1.360
<u>Total FY2018-2021</u>	<i>1.360</i>
	<u>Total Later FY2022-2027</u>

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Mercer

DB# 15322

Delaware & Raritan Canal Bridges

SD

AQCODE: S19

Initiated by the Bridge Management System, this project provides for Concept Development studies on the following structures along the Delaware and Raritan Canal: Carnegie Road, Bridge over D&R Feeder Canal; County Route 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 Feeder Canal at Lock No. 3; Coryell Street, Bridge over D&R Feeder Canal; CR 533 (Quaker Road), Bridge over D&R Canal; Manville Causeway (CR623), Bridge over D&R Canal; Chapel Drive at CR 623, Bridge over D&R Canal. The project also provides emergency superstructure replacement and substructure rehabilitation for CR 518 (Georgetown-Franklin Rd), Bridge over D&R Canal and an emergency total structure replacement of CR 514 (Amwell Road), 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PE STATE		1.000								
DES STATE			1.200							
CON STATE				10.050						
Fiscal Year Total		1.000	1.200	10.050						
		<u>Total FY2018-2021</u>	<u>12.250</u>			<u>Total Later FY2022-2027</u>				

Total for Mercer (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

	1.000	1.200	10.050	
	<u>Total FY2018-2021</u>	<u>12.250</u>		<u>Total Later FY2022-2027</u>

DVRPC FY2018-2021 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:

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway New Capacity

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ROW STATE	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	
Fiscal Year Total	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	
Total FY2018-2021				2.000	Total Later FY2022-2027						3.000

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
This project contains ITS elements.

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC CMAQ		6.000	7.000	13.000							
Fiscal Year Total		6.000	7.000	13.000							
Total FY2018-2021				26.000	Total Later FY2022-2027						

DVRPC FY2018-2021 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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	
ERC STBGP	6.291	4.378	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Fiscal Year Total	8.291	6.378	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	
Total FY2018-2021				20.669	Total Later FY2022-2027						18.000

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
This project may be suitable for ITS treatments.

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
Fiscal Year Total	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
Total FY2018-2021				16.000	Total Later FY2022-2027						24.000

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

DB# 04311 Asbestos Surveys and Abatements

AQCODE: NRS

This program provides initial funding for term agreements for advanced design services which include asbestos surveying, preparation of plans and specifications for the asbestos abatement, and the air monitoring process needed on construction contracts.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Britton, Jim

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES	STATE	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Fiscal Year Total		0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
		Total FY2018-2021				Total Later FY2022-2027			3.000		
		2.000									

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: Renman, Greg

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC	STBGP	0.400	0.120	0.420	0.120	0.420	0.120	0.440	0.120	0.440	0.120
Fiscal Year Total		0.400	0.120	0.420	0.120	0.420	0.120	0.440	0.120	0.440	0.120
		Total FY2018-2021				Total Later FY2022-2027			1.660		
		1.060									

DVRPC FY2018-2021 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: Kauffman, Raymond / Black, Daniel

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC	STATE	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000
Fiscal Year Total		15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000
		Total FY2018-2021				Total Later FY2022-2027			90.000		
		<i>60.000</i>									

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: Tunnard/Bhanderi

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements

Mapped: Y

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC	STATE	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Fiscal Year Total		10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
		Total FY2018-2021				Total Later FY2022-2027			60.000		
		<i>40.000</i>									

DVRPC FY2018-2021 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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC CMAQ	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	
ERC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
ERC TAP	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	
Fiscal Year Total	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	
Total FY2018-2021				24.000	Total Later FY2022-2027						36.000

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: Hecht, Dana

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: N

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC BRIDGE-OFF	1.023	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
ERC NHPP	0.100	0.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
Fiscal Year Total	1.123	1.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	
Total FY2018-2021				12.123	Total Later FY2022-2027						30.000

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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: Neuman, Roy

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	50.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000
Fiscal Year Total	50.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000
			Total FY2018-2021		Total Later FY2022-2027					
			215.000		330.000					

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:

Planning Center: None

CIS Program Subcategory: Bridge Preservation

CIS Program Category: Bridge Assets

Project Manager: Evans, Jack

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: N

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC BRIDGE-OFF	3.000	7.000	3.460	7.730	3.620	8.070	3.780	8.400	3.780	8.400
EC NHPP	14.000	12.600	12.900	11.900	14.800	13.300	14.000	13.000	16.100	14.400
EC STBGP	7.750	11.100	7.140	10.270	7.680	10.930	7.820	11.200	8.520	12.100
Fiscal Year Total	24.750	30.700	23.500	29.900	26.100	32.300	25.600	32.600	28.400	34.900
			Total FY2018-2021		Total Later FY2022-2027					
			108.850		179.900					

DVRPC FY2018-2021 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: Eskander, Silvia

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	21.600	28.500	28.500	28.500	28.500	28.500	29.456	31.004	32.629	35.836
Fiscal Year Total	21.600	28.500	28.500	28.500	28.500	28.500	29.456	31.004	32.629	35.836
	Total FY2018-2021			107.100	Total Later FY2022-2027			185.925		

DB# 17357 Bridge Maintenance Fender Replacement

NEW

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC NHPP	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
ERC STBGP	1.000	1.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
Fiscal Year Total	6.000	6.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
	Total FY2018-2021			30.000	Total Later FY2022-2027			54.000		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

DB# 17358 **Bridge Maintenance Scour Countermeasures** *NEW*

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC NHPP	2.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
ERC STBGP	1.000	1.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
Fiscal Year Total	3.000	6.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
	<u>Total FY2018-2021</u>			<i>27.000</i>	<u>Total Later FY2022-2027</u>			<i>54.000</i>		

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: Kasbekar, Nat	IPD:
Mileposts: N/A	Sponsor: NJDOT
Improvement Type: Bridge Repair/Replacement	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STBGP	0.950	0.950	0.950	1.000	1.000	1.000	1.000	1.050	1.050	1.050
Fiscal Year Total	0.950	0.950	0.950	1.000	1.000	1.000	1.000	1.050	1.050	1.050
	<u>Total FY2018-2021</u>			<i>3.850</i>	<u>Total Later FY2022-2027</u>			<i>6.150</i>		

DVRPC FY2018-2021 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: Kauffman, Raymond / Najem, Atta

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC HWYINF	8.926									
EC RCA		1.081								
EC NHPP	15.000	10.500	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000
EC STATE	25.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000
EC STBGP	11.070	32.500	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
Fiscal Year Total	59.996	74.081	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000
	Total FY2018-2021			244.077	Total Later FY2022-2027			330.000		

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: Renman, Greg

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC NHPP	2.764	2.800	3.572	15.458	11.378	8.672	48.426	43.702	68.325	70.861
ERC STATE	1.600	22.638	22.038	22.038	2.038	22.038	107.038	98.500	98.500	98.500
Fiscal Year Total	4.364	25.438	25.610	37.496	13.416	30.710	155.464	142.202	166.825	169.361
	Total FY2018-2021			92.907	Total Later FY2022-2027			677.977		

DVRPC FY2018-2021 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: Renman, Greg

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC NHPP	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Fiscal Year Total	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
	Total FY2018-2021				Total Later FY2022-2027					
	2.000				3.000					

DB# 98319 Capital Contract Payment Audits

AQCODE: NRS

This program provides funding for the auditing of capital project contract invoices that involve reimbursement of direct and overhead costs. The Federal Highway Administration requires such audits on all engineering firms doing business with the NJDOT in order to ensure accurate billing of project costs.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Support

CIS Program Category: Capital Program Delivery

Project Manager: DeLucia, Barbara

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	1.000	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300
Fiscal Year Total	1.000	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300	1.300
	Total FY2018-2021				Total Later FY2022-2027					
	4.900				7.800					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
Fiscal Year Total	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
	<u>Total FY2018-2021</u> 8.000				<u>Total Later FY2022-2027</u> 12.000					

DB# 02378 Congestion Relief, Operational Improvements (Fast Move Program)

AQCODE: NRS

This is a program of low-cost, quick-turnaround capital improvements to relieve congestion at key bottleneck locations throughout the state.

CMP: Minor SOV Capacity

Municipalities: Planning Center: None

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

Project Manager: Cap Prog Com IPD:

Mileposts: N/A Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	<u>Total FY2018-2021</u> 4.000				<u>Total Later FY2022-2027</u> 6.000					

DVRPC FY2018-2021 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

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC	STATE	9.000	10.000	10.000	11.500	11.500	11.500	11.500	11.500	11.500	11.500
Fiscal Year Total		9.000	10.000	10.000	11.500	11.500	11.500	11.500	11.500	11.500	11.500
		Total FY2018-2021				Total Later FY2022-2027		69.000			
		40.500									

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

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC	STATE	0.750	0.770	0.800	0.850	0.850	0.875	0.900	0.900	0.950	0.975
Fiscal Year Total		0.750	0.770	0.800	0.850	0.850	0.875	0.900	0.900	0.950	0.975
		Total FY2018-2021				Total Later FY2022-2027		5.450			
		3.170									

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

DB# X242 Crash Reduction Program

AQCODE: S6

The state's Strategic Highway Safety Plan (SHSP) influences the decisions for investment planning. SHSP emphasis-areas guide problem identification in the Highway Safety Improvement Program (HSIP). The Crash Reduction Program (CRP) is a comprehensive program of safety improvements designed to improve conditions at locations identified by the HSIP. These enhancements may include; pavement improvements, protection or removal of fixed objects, and utility pole relocation or replacement. The CRP will also develop and implement a systemic approach to the installation of lane and roadway departure technologies, such as; rumble strips and rumble stripes, signing, and striping and high friction surface treatment to prevent vehicles from leaving their respective lanes and causing crashes, injuries, and/or deaths. In addition, the CPR will provide for the development and implementation of quick-turnaround projects at locations which show an excessive occurrence of crashes, and for remediation measures at those locations.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Safety CIS Program Category: Safety Management

Project Manager: Azam/Castaldo IPD:

Mileposts: N/A Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC HSIP	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Fiscal Year Total	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
	<u>Total FY2018-2021</u>			<i>20.000</i>	<u>Total Later FY2022-2027</u>			<i>30.000</i>		

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
ERC STBGP	1.800	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	3.800	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
	<u>Total FY2018-2021</u>			<i>12.800</i>	<u>Total Later FY2022-2027</u>			<i>18.000</i>		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STBGP	0.648	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330
Fiscal Year Total	0.648	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330	0.330
	Total FY2018-2021			1.638	Total Later FY2022-2027			1.980		

DB# X106 Design, Emerging Projects

AQCODE: X1

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

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager:

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES STATE	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000	11.000
DES STBGP	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000	12.000
	Total FY2018-2021			48.000	Total Later FY2022-2027			72.000		

DVRPC FY2018-2021 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES STATE		0.500	0.500		0.500	0.500		0.500	0.500	
Fiscal Year Total		0.500	0.500		0.500	0.500		0.500	0.500	
	<u>Total FY2018-2021</u>			<i>1.000</i>	<u>Total Later FY2022-2027</u>			<i>2.000</i>		

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STBGP	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Fiscal Year Total	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
	<u>Total FY2018-2021</u>			<i>0.400</i>	<u>Total Later FY2022-2027</u>			<i>0.600</i>		

DVRPC FY2018-2021 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: Kauffman, Raymond / Black, Daniel

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STBGP	10.000	1.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Fiscal Year Total	10.000	1.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
			Total FY2018-2021		Total Later FY2022-2027					
			21.000		30.000					

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: Kauffman, Raymond / Black, Daniel

IPD:

Mileposts: N/A

Sponsor: NJDOT

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

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000
Fiscal Year Total	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000
			Total FY2018-2021		Total Later FY2022-2027					
			68.000		102.000					

DVRPC FY2018-2021 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: Kauffman, Raymond / Black, Daniel

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000
Fiscal Year Total	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000
	Total FY2018-2021			28.000	Total Later FY2022-2027			42.000		

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: Kauffman, Raymond / Black, Daniel

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Streetscape

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
Fiscal Year Total	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
	Total FY2018-2021			16.000	Total Later FY2022-2027			24.000		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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

AQCODE: X13

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

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Capital Program Delivery

Project Manager: Burd, Robert

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
Fiscal Year Total	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
	<u>Total FY2018-2021</u>			<i>6.000</i>	<u>Total Later FY2022-2027</u>			<i>9.000</i>		

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:

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Fiscal Year Total	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
	<u>Total FY2018-2021</u>			<i>20.000</i>	<u>Total Later FY2022-2027</u>			<i>30.000</i>		

DVRPC FY2018-2021 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; wetland delineations; wetland mitigation monitoring; wetland mitigation remediation; cultural resources mitigation; hazardous waste investigations and studies and payments; hydrology/hydraulic investigations and studies, permits and payments; and Air/Noise studies. These activities are in support of meeting environmental commitments and prevent 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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	0.500	0.500	0.500	0.500	0.600	0.600	0.600	0.600	0.600	0.600	
Fiscal Year Total	0.500	0.500	0.500	0.500	0.600	0.600	0.600	0.600	0.600	0.600	
Total FY2018-2021				2.000	Total Later FY2022-2027						3.600

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: Kauffman, Raymond / Schmidt

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC STATE	22.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	
Fiscal Year Total	22.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	
Total FY2018-2021				97.000	Total Later FY2022-2027						150.000

DVRPC FY2018-2021 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: Kauffman/Schmidt IPD:

Mileposts: N/A Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC STATE	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000
Fiscal Year Total	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000
	<u>Total FY2018-2021</u>			<i>32.000</i>	<u>Total Later FY2022-2027</u>			<i>48.000</i>			

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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC FBP	4.000	9.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
Fiscal Year Total	4.000	9.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
	<u>Total FY2018-2021</u>			<i>21.000</i>	<u>Total Later FY2022-2027</u>			<i>24.000</i>			

DVRPC FY2018-2021 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: Azam/Castaldo

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PLS HSIP	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
Fiscal Year Total	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
	Total FY2018-2021			16.000	Total Later FY2022-2027			24.000		

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.

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC CMAQ	20.000	20.000	20.000	20.000	25.000	25.000	25.000	25.000	25.000	25.000
Fiscal Year Total	20.000	20.000	20.000	20.000	25.000	25.000	25.000	25.000	25.000	25.000
	Total FY2018-2021			80.000	Total Later FY2022-2027			150.000		

DVRPC FY2018-2021 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: Kingsland, C. William

IPD:

Mileposts: N/A

Sponsor: NJDOT

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

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STBGP	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200
Fiscal Year Total	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200	3.200
	Total FY2018-2021			12.800	Total Later FY2022-2027			19.200		

DB# 98333 Intersection Improvement Program (Project Implementation)

AQCODE: NRS

This program provides for the implementation of safety and operational improvements at intersections identified by the Highway Safety Improvement Program as having significant safety problems. This program also includes right angle, left turn and pedestrian crash occurrences at intersection locations.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Safety

CIS Program Category: Safety Management

Project Manager: Azam/Castaldo

IPD:

Mileposts: N/A

Sponsor: NJDOT

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

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC HSIP	3.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
ERC STATE	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
Fiscal Year Total	3.250	5.250	5.250	5.250	5.250	5.250	5.250	5.250	5.250	5.250
	Total FY2018-2021			19.000	Total Later FY2022-2027			31.500		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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: Hatzisavvas, Debby

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Streetscape

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	<u>Total FY2018-2021</u>			<i>4.000</i>	<u>Total Later FY2022-2027</u>			<i>6.000</i>		

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: Kauffman/Ghorbani/Neuman

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STBGP	10.000	12.982	11.025	11.576	12.155	12.763	13.401	14.071	14.775	15.513
Fiscal Year Total	10.000	12.982	11.025	11.576	12.155	12.763	13.401	14.071	14.775	15.513
	<u>Total FY2018-2021</u>			<i>45.583</i>	<u>Total Later FY2022-2027</u>			<i>82.678</i>		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC STATE	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	
Fiscal Year Total	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	
Total FY2018-2021				6.400	Total Later FY2022-2027				9.600		

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: Abuhuzeima, Shukri

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC STATE	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	
Fiscal Year Total	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	
Total FY2018-2021				0.640	Total Later FY2022-2027				0.960		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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: Brucocoleri, Dave

IPD:

Mileposts: N/A

Sponsor: Local Lead

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	30.100	30.100	30.100	30.100	30.100	30.100	30.100	28.000	28.000	28.000	
Fiscal Year Total	30.100	30.100	30.100	30.100	30.100	30.100	30.100	28.000	28.000	28.000	
Total FY2018-2021				120.400	Total Later FY2022-2027						174.300

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: Broccoleri, Dave

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	47.300	47.300	47.300	47.300	47.300	47.300	47.300	44.000	44.000	44.000	
Fiscal Year Total	47.300	47.300	47.300	47.300	47.300	47.300	47.300	44.000	44.000	44.000	
Total FY2018-2021				189.200	Total Later FY2022-2027						273.900

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

DB# 17390

Local Freight Impact Fund

NEW

AQCODE: NRS

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:

Bruccoleri, Dave

IPD:

Mileposts:

N/A

Sponsor: NJDOT

Improvement Type:

Other

Mapped: Y

This project may be suitable for ITS treatments.

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	30.100	30.100	30.100	30.100	30.100	30.100	30.100	28.000	28.000	28.000	
Fiscal Year Total	30.100	30.100	30.100	30.100	30.100	30.100	30.100	28.000	28.000	28.000	
<u>Total FY2018-2021</u>				<i>120.400</i>	<u>Total Later FY2022-2027</u>				<i>174.300</i>		

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:

Abuizeima, Shukri

IPD:

Mileposts:

N/A

Sponsor: Local Lead

Improvement Type:

Roadway Rehabilitation

Mapped: Y

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Fiscal Year Total	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
<u>Total FY2018-2021</u>				<i>40.000</i>	<u>Total Later FY2022-2027</u>				<i>60.000</i>		

DVRPC FY2018-2021 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: Kauffman, Ray IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other **Mapped: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC STATE	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	
Fiscal Year Total	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	
Total FY2018-2021				8.000	Total Later FY2022-2027						12.000

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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC STATE	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	
Fiscal Year Total	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	
Total FY2018-2021				36.000	Total Later FY2022-2027						54.000

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

DB# 17341 **Minor Bridge Inspection Program** **NEW**

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

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Bridge Assets

Project Manager: Renman, Greg **IPD:**

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

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	6.800	6.800	6.800	6.800						
EC STBGP					6.900	6.900	6.900	6.900	6.900	6.900
Fiscal Year Total	6.800	6.800	6.800	6.800	6.900	6.900	6.900	6.900	6.900	6.900
	Total FY2018-2021				Total Later FY2022-2027					
	27.200				41.400					

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	Total FY2018-2021				Total Later FY2022-2027					
	4.000				6.000					

DVRPC FY2018-2021 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 (\$ millions)				Later Fiscal Years (\$ millions)						
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC	DEMO-R		1.881									
EC	DEMO-RF	0.203										
EC	DEMO-RS	1.678										
EC	NHPP	14.151	15.000	13.000	13.000	13.000	13.000	13.000	13.000	13.000	13.000	
EC	STATE	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	
EC	STBGP	2.432	3.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	
Fiscal Year Total		19.964	21.881	16.000	16.000	16.000	16.000	16.000	16.000	16.000	16.000	
Total FY2018-2021				73.845	Total Later FY2022-2027				96.000			

DVRPC FY2018-2021 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 with upgraded equipment and new methodology. The comprehensive crash record database will include driver/crash correlation, crash location, data for driver updates, and database cleaning (correction) process. Data entry, scanning and imaging will be performed by a private contractor.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Safety

CIS Program Category: Safety Management

Project Manager: Castaldo/Azam

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements

Mapped: Y

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC	HSIP	4.217	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
Fiscal Year Total		4.217	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
		Total FY2018-2021				Total Later FY2022-2027					
		11.717				15.000					

DB# X34A National Highway Freight Program

NEW

AQCODE: NRS

Established by the federal Fixing America's Surface Transportation (FAST) Act, the National Highway Freight Program (NHFP) provides funding to improve the efficient movement of freight on the National Highway Freight Network (NHFN). NHFP supports several goals, including: infrastructure and operational improvements that strengthen economic competitiveness, reduce congestion, reduce the cost of freight transportation, improve reliability, and increase productivity; improving the safety, security, efficiency, and resiliency of freight transportation in rural and urban areas; improving the state of good repair of the NHFN; using innovation and advanced technology to improve NHFN safety, efficiency, and reliability; improving the efficiency and productivity of the NHFN; improving State flexibility to support multi-State corridor planning and address highway freight connectivity; and reducing the environmental impacts of freight movement on the NHFN.

CMP: Minor SOV Capacity

Planning Center: None

Municipalities:

CIS Program Category: Multimodal Programs

CIS Program Subcategory: Intermodal Programs

IPD:

Project Manager:

Sponsor: NJDOT

Mileposts: N/A

Improvement Type: Roadway Rehabilitation

Mapped: Y

This project may be suitable for ITS treatments.

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC	NHFP-HWY							24.672	28.123	31.817	59.774
Fiscal Year Total								24.672	28.123	31.817	59.774
		Total FY2018-2021				Total Later FY2022-2027					
						144.386					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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. This program provides \$8 million to the State Freight Assistance Program.

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC NHFP-RAIL	1.771	3.399	3.777	4.044	4.331	4.638	4.967	5.319	5.696	6.099
EC STATE	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000
Fiscal Year Total	26.771	28.399	28.777	29.044	29.331	29.638	29.967	30.319	30.696	31.099
	Total FY2018-2021			112.991	Total Later FY2022-2027			181.049		

DB# X200C New Jersey Scenic Byways Program

AQCODE: NRS

This program will assist in the advancement of the NJ Scenic Byways Program, the development, designation and implementation needed for an organization, group or community to become a state or national scenic byway, and the maintenance 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 state byways within the state program. Planning, design and development of the state program 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 management, operation and development of the scenic byway program, activities associated with identifying and planning tourist amenities on scenic byways on a statewide basis, activities associated with assessing the economic impacts of an individual byway or a statewide program of byways.

CMP: Not SOV Capacity Adding

Municipalities:

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STBGP		0.500								
ERC TAP	0.500	0.000	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Fiscal Year Total	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
	Total FY2018-2021			2.000	Total Later FY2022-2027			3.000		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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: Kauffman, Raymond / Najem, Atta

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	4.000	4.200	4.410	4.631	4.862	5.105	5.360	5.628	5.910	6.205
Fiscal Year Total	4.000	4.200	4.410	4.631	4.862	5.105	5.360	5.628	5.910	6.205
	Total FY2018-2021				Total Later FY2022-2027			33.070		
	17.241									

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	Total FY2018-2021				Total Later FY2022-2027			6.000		
	4.000									

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

DB# X51 Pavement Preservation

AQCODE: S10

This program will allow NJDOT to accomplish eligible federal pavement preservation activities on New Jersey's Interstate highway system and will also allow for pavement preservation on all other state-maintained roads, which help to keep New Jersey's highway system in a state of good repair. With timely preservation, the NJDOT can provide the traveling public with improved safety and mobility, reduced congestion and smoother, longer lasting pavements.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Kauffman, Raymond / Black, Daniel

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC HWYINF		7.713									
EC NHPP	15.204	53.159	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
EC STBGP	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	
Fiscal Year Total	20.204	65.872	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	
	Total FY2018-2021			116.076	Total Later FY2022-2027				90.000		

DB# 06401 Pedestrian Safety Improvement Program

AQCODE: A2

This program provides funding to reduce pedestrian crashes and/or fatalities. Locations/segments are identified through crash history data and estimated rates of exposure to motor vehicles/pedestrian conflicts. Locations/segments are examined by NJDOT'S Pedestrian Safety Impact Teams who will conduct Road Safety Audits and make recommendations for improvements. This program funds the implementation of recommendations, as well.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Intermodal Programs

CIS Program Category: Safety Management

Project Manager: Azam/Castaldo

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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC HSIP	3.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
Fiscal Year Total	3.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
	Total FY2018-2021			15.000	Total Later FY2022-2027				24.000		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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: Hatzisavvas, Debby

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	15.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000
Fiscal Year Total	15.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000
	Total FY2018-2021			66.000	Total Later FY2022-2027			102.000		

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: Swords, Andrew

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PLS LTAP	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
PLS SPR	21.531	22.323	22.509	22.509	22.509	22.509	22.509	22.509	22.509	22.509
PLS STBGP	11.100	11.200	35.200	11.200	11.200	35.200	11.200	11.200	35.200	11.200
Fiscal Year Total	32.781	33.673	57.859	33.859	33.859	57.859	33.859	33.859	57.859	33.859
	Total FY2018-2021			158.172	Total Later FY2022-2027			251.154		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

DB# X140 Planning and Research, State

AQCODE: X1

This program will provide for planning activities which include needs assessments, geometric deficiencies, local aid assistance, congestion management, travel market analysis, formulation of a new statewide plan, facilitating/implementing multimodal transportation, demographics, access management plans, transportation policy, equipment, modeling, clean air initiatives, data collection equipment, deployment of new technology initiatives, and research initiatives.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Lewis, James

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
PLS STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	<u>Total FY2018-2021</u>			<i>4.000</i>	<u>Total Later FY2022-2027</u>			<i>6.000</i>			

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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC STBGP	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
Fiscal Year Total	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
	<u>Total FY2018-2021</u>			<i>2.000</i>	<u>Total Later FY2022-2027</u>			<i>3.000</i>			

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	102.000	104.040	106.120	108.240	110.410	112.620	114.870	117.170	119.510	121.900
Fiscal Year Total	102.000	104.040	106.120	108.240	110.410	112.620	114.870	117.170	119.510	121.900
	Total FY2018-2021			420.400	Total Later FY2022-2027			696.480		

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:

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CD STATE	5.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	5.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	Total FY2018-2021			8.000	Total Later FY2022-2027			6.000		

DVRPC FY2018-2021 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES STATE	0.800	0.800	0.800	0.800	0.850					
Fiscal Year Total	0.800	0.800	0.800	0.800	0.850					
	<u>Total FY2018-2021</u>			3.200	<u>Total Later FY2022-2027</u>			0.850		

DB# 17337 Project Management Improvement Initiative Support

NEW

AQCODE: NRS

Provide expert consulting services regarding processes and organizational development in the area of project and program management including providing expert consulting services regarding information systems architecture and integration for project and construction management information technology systems. Provide program management services to the Department to implement Project Management and Reporting System including the e-Builder Enterprise Software as a Service information system and other sub-systems such as Bluebeam. Provide coaching and mentoring services to Department 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: Capital Program Delivery 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
DES STATE	0.413	0.460	0.470							
Fiscal Year Total	0.413	0.460	0.470							
	<u>Total FY2018-2021</u>			1.343	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CON STATE	5.200	5.400	5.600	5.800	6.000	6.200	6.200	6.200	6.200	6.200	
Fiscal Year Total	5.200	5.400	5.600	5.800	6.000	6.200	6.200	6.200	6.200	6.200	
	Total FY2018-2021			22.000	Total Later FY2022-2027					37.000	

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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC RTP	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	
Fiscal Year Total	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	
	Total FY2018-2021			3.600	Total Later FY2022-2027					5.400	

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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/Kingsland/Sweger

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
Fiscal Year Total	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
	Total FY2018-2021				Total Later FY2022-2027			12.000		
	8.000									

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: Kauffman, Raymond / Black, Daniel

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: N

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STBGP	20.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000
Fiscal Year Total	20.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000	17.000
	Total FY2018-2021				Total Later FY2022-2027			102.000		
	71.000									

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

DB# X03E Resurfacing Program

AQCODE: S10

This comprehensive program funds renewed riding surfaces on state highways in order to prolong the life of pavement and provide an improved ride. This resurfacing program is a key component of the NJDOT's broader Pavement Management Program, which is aimed at preserving and extending the life of state highways. Individual highway segments are selected for resurfacing, or other treatments, through the NJDOT's Pavement Management System. This program consists primarily of resurfacing of highway segments, but may also include; selected repair activities, minor upgrades such as curbing, application of long-life pavement markings and raised pavement markers, and the acquisition of essential equipment and materials.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Kauffman, Raymond / Black, Daniel

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC	STATE	100.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000
Fiscal Year Total		100.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000
		Total FY2018-2021				Total Later FY2022-2027					
		460.000				720.000					

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: Gresavage, Sue

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: N

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC	STBGP	1.740	1.000								
ERC	NHPP	10.000	1.000	1.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
ERC	STATE			20.000	20.000	20.000	20.000	30.000	30.000	30.000	30.000
Fiscal Year Total		11.740	2.000	21.000	30.000	30.000	30.000	40.000	40.000	40.000	40.000
		Total FY2018-2021				Total Later FY2022-2027					
		64.740				220.000					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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: Cunningham, Bob

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	0.200	0.200	0.200	0.200	0.200	0.225	0.225	0.250	0.250	0.250
Fiscal Year Total	0.200	0.200	0.200	0.200	0.200	0.225	0.225	0.250	0.250	0.250
	<u>Total FY2018-2021</u>			<i>0.800</i>	<u>Total Later FY2022-2027</u>			<i>1.400</i>		

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: Cunningham, Bob

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ROW STATE	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
ROW STBGP	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Fiscal Year Total	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
	<u>Total FY2018-2021</u>			<i>0.600</i>	<u>Total Later FY2022-2027</u>			<i>0.900</i>		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STBGP		4.290									
ERC NHPP	3.000	5.710	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	
Fiscal Year Total	3.000	10.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	
Total FY2018-2021				23.000	Total Later FY2022-2027						30.000

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.

On May 23, 2019, the DVRPC Board approved the following project applications:
 \$342,000 for Hamilton Township's Klockner Elementary School Pedestrian Safety Improvements in Mercer County;
 \$370,000 for Voorhees Township's Echelon Road Pedestrian Improvements in Camden County;
 \$1,000,000 for Princeton's Rosedale Road (CR-604) and General Johnson Drive Intersection and Pathway Improvements in Mercer County; and
 \$156,000 for National Park Borough's Safer Routes to National Park School in Gloucester County.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Intermodal Programs CIS Program Category: Safety Management

Project Manager: Abuhuzeima, Shukri 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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC SRTS		2.317									
ERC TAP	5.587	3.270	5.587	5.587	5.587	5.587	5.587	5.587	5.587	5.587	
Fiscal Year Total	5.587	5.587	5.587	5.587	5.587	5.587	5.587	5.587	5.587	5.587	
Total FY2018-2021				22.348	Total Later FY2022-2027						33.522

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

DB# 06402 Safe Streets to Transit Program

AQCODE: A2

This program identifies areas around train stations or bus stops and analyzes the risk based on crash history and exposure. Once the areas are identified, this program develops multi-modal improvement plans to address the issues.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Intermodal Programs

CIS Program Category: Safety Management

Project Manager: Abuhuzeima, Shukri

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	<u>Total FY2018-2021</u>			<i>4.000</i>	<u>Total Later FY2022-2027</u>			<i>6.000</i>		

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: Hatzisavvas, Debby

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	3.500	1.500	1.500							
Fiscal Year Total	3.500	1.500	1.500							
	<u>Total FY2018-2021</u>			<i>6.500</i>	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

DB# 15807 Segment Improvement Program

AQCODE: A2

This program will provide for the identification and implementation of safety improvements along segments which show crash rates above the statewide average. The safety improvements proposed 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 i.e. pedestrian/bicycle detectors, etc.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Safety Management

Project Manager: Azam/Castaldo 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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC HSIP	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	
Fiscal Year Total	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	
Total FY2018-2021				8.000	Total Later FY2022-2027						12.000

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: Road Assets

Project Manager: Evans, Jack IPD:

Mileposts: N/A Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC STATE	2.500										
EC STBGP	1.000	2.100	2.100	2.200	2.200	2.200	2.300	2.300	2.300	2.300	
Fiscal Year Total	3.500	2.100	2.100	2.200	2.200	2.200	2.300	2.300	2.300	2.300	
Total FY2018-2021				9.900	Total Later FY2022-2027						13.600

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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: Road 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STBGP	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Fiscal Year Total	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
	Total FY2018-2021			20.000	Total Later FY2022-2027			30.000		

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: Ghorbani, Ahmad

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC NHPP	0.000	0.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
EC STATE	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
EC STBGP	0.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	2.000	2.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
	Total FY2018-2021			14.000	Total Later FY2022-2027			30.000		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330
Fiscal Year Total	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330
	<u>Total FY2018-2021</u>			<i>5.320</i>	<u>Total Later FY2022-2027</u>			<i>7.980</i>		

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Fiscal Year Total	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
	<u>Total FY2018-2021</u>			<i>20.000</i>	<u>Total Later FY2022-2027</u>			<i>30.000</i>		

DVRPC FY2018-2021 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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC NHPP	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	
Fiscal Year Total	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	
Total FY2018-2021				72.000	Total Later FY2022-2027						108.000

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

DB# 17353 Storm Water Asset Management NEW

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: Lane, Robert

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STBGP	3.100	3.260	3.400	3.600	3.800	4.000	4.200	4.400	4.600	4.800
Fiscal Year Total	3.100	3.260	3.400	3.600	3.800	4.000	4.200	4.400	4.600	4.800
	Total FY2018-2021				Total Later FY2022-2027			25.800		
	13.360									

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: Davis, Anthony

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175
Fiscal Year Total	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175
	Total FY2018-2021				Total Later FY2022-2027			1.050		
	0.700									

DVRPC FY2018-2021 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 Traffic Monitoring Systems (TMS) and continuous traffic counting installations; 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; 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; and to initiate/update a Roadway Digital Imaging Program.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Congestion Relief

Project Manager: Castaldo, Mike

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements

Mapped: Y

This project contains ITS elements.

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PLS	NHPP	12.900	12.900	12.900	12.900	12.900	12.900	12.900	12.900	12.900	12.900
EC	NHPP	3.900			4.900			6.500			
EC	STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total		17.800	13.900	13.900	18.800	13.900	13.900	20.400	13.900	13.900	13.900
		<u>Total FY2018-2021</u>		<i>64.400</i>		<u>Total Later FY2022-2027</u>			<i>89.900</i>		

DVRPC FY2018-2021 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: Kingsland, C. William / 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
Fiscal Year Total	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
	Total FY2018-2021			36.000	Total Later FY2022-2027			54.000		

DB# X244 Training and Employee Development

AQCODE: X1

This program provides for the assessment, planning, development and delivery of training and employee development programs inclusive of equipment, materials and software necessary to advance the skills and knowledge of Department employees to implement the Capital Program.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Capital Program Support CIS Program Category: Capital Program Delivery

Project Manager: Vannozi, Pat IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other **Mapped: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STBGP		2.000								
EC STBGP	1.800		1.800		1.800		1.800		1.800	
Fiscal Year Total	1.800	2.000	1.800		1.800		1.800		1.800	
	Total FY2018-2021			5.600	Total Later FY2022-2027			5.400		

DVRPC FY2018-2021 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: Bruccoleri, Dave

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	Total FY2018-2021			4.000	Total Later FY2022-2027			6.000		

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.

Line item will also fund \$3 million TAP-R funded construction project, Arney's Mount Trail, Phase 1, (DB#D1713), in order to be consistent with other TAP-R funded projects.

On May 23, 2019, the DVRPC Board approved the following six projects totaling \$3,753,000:

- \$680,000 for Camden City's River Birch Trail
- \$1,220,000 for Camden County's Atlantic Avenue Trail
- \$562,000 for Florence Township's Fifth Street Rail to Trail
- \$343,000 for Palmyra Borough's Temple Boulevard Enhancements
- \$408,000 for Gibbsboro Borough's Phase 5 Bikeway and Streetscape Improvements along Lakeview Drive from Kresson Road to Silver Lake
- \$540,000 for Gloucester Township's Lakeland Road Connector Trail

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory: Quality of Life

CIS Program Category: Local System Support

Project Manager: Abuhuzeima, Shukri

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Streetscape

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC TAP	5.000	5.000	5.000	5.000	5.000	7.235	7.235	7.235	7.235	7.235
Fiscal Year Total	5.000	5.000	5.000	5.000	5.000	7.235	7.235	7.235	7.235	7.235
	Total FY2018-2021			20.000	Total Later FY2022-2027			41.175		

DVRPC FY2018-2021 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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PLS CMAQ	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
Fiscal Year Total	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
	Total FY2018-2021				Total Later FY2022-2027					
	1.000				1.500					

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: Crichton-Summers, C

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	0.775	0.800	0.900	1.000	1.100	1.200	1.700	2.200	2.200	2.200
Fiscal Year Total	0.775	0.800	0.900	1.000	1.100	1.200	1.700	2.200	2.200	2.200
	Total FY2018-2021				Total Later FY2022-2027					
	3.475				10.600					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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 (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	25.244	32.816	36.721	34.423	4.972	27.169	88.683	115.079	111.093	106.869	
Fiscal Year Total	25.244	32.816	36.721	34.423	4.972	27.169	88.683	115.079	111.093	106.869	
<u>Total FY2018-2021</u>				<u>129.203</u>	<u>Total Later FY2022-2027</u>						<u>453.864</u>

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: Patibandha, Nilesh

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements

Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC HSIP	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	
Fiscal Year Total	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	
<u>Total FY2018-2021</u>				<u>0.700</u>	<u>Total Later FY2022-2027</u>						<u>1.050</u>

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Statewide Program

Final Version

Various

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Fiscal Year Total	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
	<u>Total FY2018-2021</u>			<u>20.000</u>	<u>Total Later FY2022-2027</u>			<u>30.000</u>		

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STBGP	0.396	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350
Fiscal Year Total	0.396	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350
	<u>Total FY2018-2021</u>			<u>1.446</u>	<u>Total Later FY2022-2027</u>			<u>2.100</u>		

Total for Various (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

1,007.754	1,136.876	1,107.018	1,119.695	1,056.081	,128.975	1,332.588	1,346.466	,398.296	1,411.703
<u>Total FY2018-2021</u>			<u>4,371.343</u>	<u>Total Later FY2022-2027</u>			<u>7,674.109</u>		

DVRPC FY2018-2021 TIP for New Jersey

Study and Development Program

Final Version

Burlington

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCD STBGP-STU	0.000									
Fiscal Year Total	0.000									
	<u>Total FY2018-2021</u>			<i>0.000</i>	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for 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:		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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCD STBGP-STU	0.000									
Fiscal Year Total	0.000									
	<u>Total FY2018-2021</u>				<u>Total Later FY2022-2027</u>					
				0.000						

Total for Burlington (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

0.000	
<u>Total FY2018-2021</u>	<u>Total Later FY2022-2027</u>

DVRPC FY2018-2021 TIP for 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	Local Project:	Y
		Mapped:	Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCD STBGP-STU	0.000									
Fiscal Year Total	0.000									
	<u>Total FY2018-2021</u>			<i>0.000</i>	<u>Total Later FY2022-2027</u>					

DB# TBD8 Broadway Roadway 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.

The northern approach to the bridge (constructed in 2016) may need to be reconstructed as it lays lower than the bridge and floods on a consistent basis. Limits are from the bridge to Stinsman Avenue.

CMP:

Municipalities:	Brooklawn Borough; Gloucester City	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Levecchia, Andrew	IPD:	
Mileposts:		Sponsor:	Camden County
Improvement Type:		Local Project:	Y
		Mapped:	Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCD STBGP-STU	0.000									
Fiscal Year Total	0.000									
	<u>Total FY2018-2021</u>			<i>0.000</i>	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

Study and Development Program

Final Version

Camden

Total for Camden (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

0.000		
<u>Total FY2018-2021</u>	0.000	<u>Total Later FY2022-2027</u>

DVRPC FY2018-2021 TIP for New Jersey

Study and Development Program

Final Version

Gloucester

DB# TBD5 Algonkin Lake Bridge, Commissioners Road (CR 581) over Oldmans Creek

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 CR 581 Commissioners Road (County Bridge 8-F-2) bridge has been deemed structurally deficient and carries traffic along Commissioners Road over Oldmans Creek into Salem County.

CMP:

Municipalities:	South Harrison Township	Planning Center:	None
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Voltaggio, Vincent	IPD:	
Mileposts:		Sponsor:	Gloucester County
Improvement Type:	Bridge Repair/Replacement	Local Project:	Y
		Mapped:	Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCD STBGP-STU	0.000									
Fiscal Year Total	0.000									
	<u>Total FY2018-2021</u>			<i>0.000</i>	<u>Total Later FY2022-2027</u>					

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	Local Project:	Y
		Mapped:	Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCD STBGP-STU	0.000									
Fiscal Year Total	0.000									
	<u>Total FY2018-2021</u>			<i>0.000</i>	<u>Total Later FY2022-2027</u>					

DVRPC FY2018-2021 TIP for New Jersey

Study and Development Program

Final Version

Gloucester

DB# TBD4 Hunter Street Bridge over Conrail (Bridge 2-I-14)

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.

Hunter Street Bridge (Bridge 2-I-14) is located between Laurel Street & Euclid Street and spans over existing freight rail. The steel frame and concrete composite deck bridge was built circa 1914 and is in need of constant repair utilizing much needed dollars for other projects. Residential housing exist along Laurel Street corners, Gloucester County Justice Complex with parking lots at Euclid Street. The bridge is rated structurally deficient with prior inspection recommends replacement under the NJDOT Federal Bridge Inspection Program. The bridge may be eligible to be considered a historic bridge structure.

CMP:

Municipalities:	Woodbury City	Planning Center: None	
CIS Program Subcategory:		CIS Program Category:	
Project Manager:	Voltaggio, Vincent	IPD:	
Mileposts:		Sponsor: Gloucester County	
Improvement Type:	Bridge Repair/Replacement	Local Project: Y	Mapped: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCD STBGP-STU	0.000									
Fiscal Year Total	0.000									
	<u>Total FY2018-2021</u>			<i>0.000</i>	<u>Total Later FY2022-2027</u>					

Total for Gloucester (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

0.000	
<u>Total FY2018-2021</u>	<i>0.000</i>
<u>Total Later FY2022-2027</u>	

DVRPC FY2018-2021 TIP for New Jersey

Study and Development Program

Final Version

Mercer

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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCD STBGP-STU	0.000									
Fiscal Year Total	0.000									
	<u>Total FY2018-2021</u>				<u>Total Later FY2022-2027</u>					
			0.000							

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:

Municipalities:	Trenton City	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 (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
LCD STBGP-STU	0.000									
Fiscal Year Total	0.000									
	<u>Total FY2018-2021</u>				<u>Total Later FY2022-2027</u>					
			0.000							

Total for Mercer (amount includes STATE-DVRPC funding from FY14 to FY17 that are programmed in FY18 to FY27 for encumbrance):

0.000	
<u>Total FY2018-2021</u>	<u>Total Later FY2022-2027</u>
	0.000