



# REGIONAL HIGHWAY PROGRAM

DVRPC FY2016-2019 TIP  
for New Jersey

# DVRPC FY2016-2019 TIP for NJ

New Jersey Highway Program

Final Version

## Burlington

**DB# D1713 Arney's Mount Trail, Phase 1**

AQCODE: A2

This project will construct a portion of Arney's Mount Trail that will ultimately link Burlington County's Rancocas Creek Greenway and Kinkora Trail facilities through portions of Springfield and Pemberton Townships. The Phase I project will be FHWA and AASHTO compliant off-road, multi-use trail on County owned property including up and around Arney's Mount, the highest point in Burlington County. All trail facilities will be ADA compliant including trailhead parking area, site furnishings, asphalt and stabilized aggregate trail surfacing, signage, intersection improvement and road widening (Tower Drive).

CMP:

Municipalities: Springfield Township

DVRPC Planning Area: Rural Area

CIS Program Subcategory:

CIS Program Category:

Project Manager: Darji, Vijesh

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: Burlington County

Improvement Type: Bicycle/Pedestrian Improvement

**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON TAP		3.000								
<b>Fiscal Year Total</b>		<b>3.000</b>								
	<b>Total FY2016-2019</b>			<b>3.000</b>	<b>Total Later FY2020-2025</b>					

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

AQCODE: S6

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

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Berryman, Tom / Nei, Michael

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: Burlington County

Improvement Type: Roadway Rehabilitation

**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
CON 15-STATE-DVRPC			0.400								
CON 16-STATE-DVRPC			0.300								
CON 17-STATE-DVRPC			0.700								
CON STP-STU					0.800		0.800		0.800		
<b>Fiscal Year Total</b>			<b>1.400</b>		<b>0.800</b>		<b>0.800</b>		<b>0.800</b>		
	<b>Total FY2016-2019</b>			<b>1.400</b>	<b>Total Later FY2020-2025</b>				<b>2.400</b>		

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### Burlington

**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	DVRPC Planning Area: Developed Community
CIS Program Subcategory:	Bridge Preservation	CIS Program Category: Local System Support
Project Manager:	Gonzales, Bert	Indicators of Potential Disadvantage: 3
Mileposts:	18.24 - 18.44	Sponsor: Burlington County
Improvement Type:	Bridge Repair/Replacement	<b>Local Project: Y</b>

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON 14-STATE-DVRPC		1.200								
CON 16-STATE-DVRPC		2.950								
<b>Fiscal Year Total</b>		<b>4.150</b>								
	<b>Total FY2016-2019</b>			<b>4.150</b>	<b>Total Later FY2020-2025</b>					

**DB# 11368 Route 9, Jobs Creek Bridge**

AQCODE: S19

Initiated by the Bridge Management System, this project will replace the functionally obsolete and structurally deficient bridge with a new two-lane single-span structure with shoulders. Approach roads will be reconstructed and safety features will be included.

CMP:	Bass River Township	DVRPC Planning Area: Rural Area
Municipalities:	Bass River Township	CIS Program Category: Bridge Assets
CIS Program Subcategory:		Indicators of Potential Disadvantage:
Project Manager:	Kennard, Amy	Sponsor: NJDOT
Mileposts:	57.8 - 58.3	
Improvement Type:	Bridge Repair/Replacement	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON NHPP		5.830								
<b>Fiscal Year Total</b>		<b>5.830</b>								
	<b>Total FY2016-2019</b>			<b>5.830</b>	<b>Total Later FY2020-2025</b>					

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## Burlington

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

**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      DVRPC Planning Area: Developed Community  
**CIS Program Subcategory:**      CIS Program Category: Congestion Relief  
**Project Manager:** Maevsky, Andrew      Indicators of Potential Disadvantage:  
**Mileposts:** 7.53-7.59      Sponsor: NJDOT  
**Improvement Type:** Intersection/Interchange Improvements  
 This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PE NHPP	2.032									
DES NHPP					2.500					
ROW NHPP						3.000				
CON NHPP							5.000			
<b>Fiscal Year Total</b>	<b>2.032</b>				<b>2.500</b>	<b>3.000</b>	<b>5.000</b>			
	<b>Total FY2016-2019</b>			<b>2.032</b>	<b>Total Later FY2020-2025</b>			<b>10.500</b>		

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

**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      DVRPC Planning Area: Rural Area  
**CIS Program Subcategory:**      CIS Program Category: Bridge Assets  
**Project Manager:** Pennell, Ed      Indicators of Potential Disadvantage:  
**Mileposts:** 30.6      Sponsor: NJDOT  
**Improvement Type:** Bridge Repair/Replacement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DES NHPP		0.890								
CON STATE				6.500						
<b>Fiscal Year Total</b>		<b>0.890</b>		<b>6.500</b>						
	<b>Total FY2016-2019</b>			<b>7.390</b>	<b>Total Later FY2020-2025</b>					

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### Burlington

**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     DVRPC Planning Area: Rural Area

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

**Project Manager:** Shah, Samir     Indicators of Potential Disadvantage: 2

**Mileposts:** 31.2-38.45     Sponsor: NJDOT

**Improvement Type:** Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DES     NHPP	0.369									
CON     NHPP			5.075							
<b>Fiscal Year Total</b>	<b>0.369</b>		<b>5.075</b>							
	<u>Total FY2016-2019</u>		<u>5.445</u>		<u>Total Later FY2020-2025</u>					

**DB# 11411     Route 70, Red Lion Road (CR 685) to Dakota Trail, Pavement**

**AQCODE:** S10     Initiated from the Pavement Management System, this project will resurface within the project limits. The project includes centerline rumble strips and improvements to guiderails, painted crosswalks, traffic signals and handicapped ramps.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Southampton Township; Woodland Township     DVRPC Planning Area: Rural Area

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

**Project Manager:** Pennell, Ed     Indicators of Potential Disadvantage:

**Mileposts:** 18.0 - 27.7     Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON     NHPP	9.762									
<b>Fiscal Year Total</b>	<b>9.762</b>									
	<u>Total FY2016-2019</u>		<u>9.762</u>		<u>Total Later FY2020-2025</u>					

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### Burlington

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

**AQCODE:** S10

Initiated from the Pavement Management System, this project will resurface within the project limits from Charleston Road/Cooper Street (MP 43.01) to Crafts Creek (MP 51.58). In addition, intersection improvements, such as new traffic signals, some sidewalks, and other improvements in conformance to current ADA and design criteria, will be provided at US 130 and Charleston Road/Cooper Street.

**CMP:** Not SOV Capacity Adding      Adding Subcorr(s): 6B, 6D, 6E

**Municipalities:** Willingboro Township; Burlington Township; Burlington City; Florence Township      DVRPC Planning Area: Developed Community; Growing Suburb

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

**Project Manager:** Maevsky, Andrew      Indicators of Potential Disadvantage:

**Mileposts:** NB 44.1-46.73 & 47.38-51.8; SB 47.38-51.58      Sponsor: NJDOT

**Improvement Type:** Roadway Rehabilitation

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ROW	NHPP		0.000								
CON	NHPP			6.480	6.480						
ROW	DEMO-RS		0.947								
<b>Fiscal Year Total</b>			<b>0.947</b>	<b>6.480</b>	<b>6.480</b>						
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		13.907									

**DB# 02397**      **Route 130, Columbus Road/Jones Street**

**AQCODE:** R1

This project will address operational, physical and safety problems. The proposed project includes the following: Designated left-turn lane will be provided for northbound Route 130 onto Jones Street; Median opening at Court Drive will be closed, but allowing for the use of emergency vehicles; The existing traffic signal at the intersection will be replaced; ADA compatible pedestrian crosswalk and sidewalks will be provided at the intersection; A lead signal phase will be provided for the northbound Route 130 left-turn and for westbound Columbus Road. The project will include milling and resurfacing at the intersection.

**CMP:** Minor SOV Capacity      Adding Subcorr(s): 6D

**Municipalities:** Burlington City      DVRPC Planning Area: Developed Community

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

**Project Manager:** Rezaeian, Abe      Indicators of Potential Disadvantage: 3

**Mileposts:** 46.8-47.9      Sponsor: NJDOT

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

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON	NHPP		1.080								
<b>Fiscal Year Total</b>			<b>1.080</b>								
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		1.080									

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### Burlington

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

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	DVRPC Planning Area: Growing Suburb
CIS Program Subcategory:		CIS Program Category: Multimodal Programs
Project Manager:	Rezaeian, Abe	Indicators of Potential Disadvantage:
Mileposts:	55.46	Sponsor: NJDOT
Improvement Type:	Bicycle/Pedestrian Improvement This project may be suitable for ITS treatments.	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PE    NHPP	0.500									
DES   NHPP			0.950							
ROW   NHPP				1.800						
CON   NHPP					3.600					
<b>Fiscal Year Total</b>	<b>0.500</b>		<b>0.950</b>	<b>1.800</b>	<b>3.600</b>					
	<u>Total FY2016-2019</u>		<u>3.250</u>		<u>Total Later FY2020-2025</u>			<u>3.600</u>		

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

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	DVRPC Planning Area: Growing Suburb
CIS Program Subcategory:		CIS Program Category: Multimodal Programs
Project Manager:	Rezaeian, Abe	Indicators of Potential Disadvantage:
Mileposts:	35.61-36.76; 55.97-56.44	Sponsor: NJDOT
Improvement Type:	Bicycle/Pedestrian Improvement This project may be suitable for ITS treatments.	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PE    NHPP	0.700									
DES   NHPP			0.950							
ROW   NHPP				0.100						
CON   NHPP					4.560					
<b>Fiscal Year Total</b>	<b>0.700</b>		<b>0.950</b>	<b>0.100</b>	<b>4.560</b>					
	<u>Total FY2016-2019</u>		<u>1.750</u>		<u>Total Later FY2020-2025</u>			<u>4.560</u>		

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## Burlington

**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

Municipalities: Springfield Township      DVRPC Planning Area: Rural Area

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

Project Manager: Bousenberry, Bob      Indicators of Potential Disadvantage:

Mileposts: 26.37 - 27.33      Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DES RCA	0.950									
ROW NHPP		0.160								
CON NHPP				6.050						
<b>Fiscal Year Total</b>	<b>0.950</b>	<b>0.160</b>		<b>6.050</b>						
	<b>Total FY2016-2019</b>			<b>7.160</b>	<b>Total Later FY2020-2025</b>					

**DB# 17612      Rt. 73, CR 534 (Jackson Rd) to Fork Landing (Signals)**

AQCODE: 2020M

The project consists of upgrading the existing Controlled Traffic Signal (CTSS) System to Adaptive Traffic Signal System (ASCT) for the intersections between Jackson Road and Fork Landing Road along Route NJ 73 as way to improve traffic congestion and provide for better progression. Additionally, the existing fiber backbone which has reached its lifetime usefulness will also be replaced to ensure robust communication between the intersections and the central system. To coincide with the fiber replacement a fiber hub will be installed to replace the existing Fiber Cross connect cabinet in the Route 73 / Route 70 Interchange vicinity. This hub is also proposed to ensure the robust communication between the field and central communication center. There are 29 intersections within project limits.

CMP: Minor SOV Capacity      Adding Subcorr(s): 13A

Municipalities: Berlin Borough; Berlin Township; Voorhees Township; Maple Shade Township; Cinnaminson Township      DVRPC Planning Area: Developed Community

CIS Program Subcategory:      CIS Program Category:

Project Manager:      Indicators of Potential Disadvantage:

Mileposts: 16.04-31.65      Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON CMAQ		18.000								
<b>Fiscal Year Total</b>		<b>18.000</b>								
	<b>Total FY2016-2019</b>			<b>18.000</b>	<b>Total Later FY2020-2025</b>					

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## Burlington

**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.

Note: The total CON cost for this project is \$3,075,000, which will be funded by STATE-DVRPC funds from 2016. CON is expected to advance and be encumbered in FY17.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 10B
Municipalities:	Eastampton Township	DVRPC Planning Area: Growing Suburb
CIS Program Subcategory:	Bridge Preservation	CIS Program Category: Local System Support
Project Manager:	Berryman, Tom / Eagleson, Todd	Indicators of Potential Disadvantage: 0
Mileposts:	0.71 - 0.91	Sponsor: Burlington County
Improvement Type:	Bridge Repair/Replacement	<b>Local Project: Y</b>

	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
CON 17-STATE-DVRPC			1.655								
CON 16-STATE-DVRPC			3.075								
<b>Fiscal Year Total</b>		<b>4.730</b>									
		<u>Total FY2016-2019</u> <b>4.730</b>				<u>Total Later FY2020-2025</u>					

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## Burlington

**DB# D9912A South Pemberton Road, CR 530, Phase 2**

**LRPID: 25**

AQCODE: 2020M

This project will reconstruct and provide lane and shoulder widening approximately 2.7 miles of CR 530 (S. Pemberton Rd.) from Hanover St. (CR 616) in Pemberton Borough to US Route 206 in Southampton Township. The widening of the roadway is not an additional through lane, but will include a 5 lane cross-section that contains a fourteen foot continuous turn lane, new six foot shoulders, and four- twelve foot travel lanes. There are many driveways/access points along the corridor, and the continuous turn lane is to provide a safe area to get out of the main flow of traffic and reduce collisions during turns off of the roadway. Over the last ten years there have been twelve fatalities on this stretch of roadway. Crash data over the last five years (2006-2010) documents 348 crashes in this segment, including 94 injury crashes. The roadway segment is a heavily traveled corridor due to the fact that it is a continuation of State Highway Route 38. Route 38 ends at Route 206 (The South Pemberton Road westernmost limit) and becomes CR 530/South Pemberton Road, which carries a traffic volume of over 25,000 AADT. This project provides for the acquisition of easements and/or full takings of over 90 parcels and provides for the environmental clean-up and demolishing of all structures. This project will also include tree clearing to accommodate roadway and shoulder width. This project is a breakout of South Pemberton Road, CR 530, Phase 1 (DB# D9912).

Due to Section 125 of the Consolidated Appropriations Act of 2016 (Public Law 114-113, Division L, Title I), \$4,045,255.30 from the following earmarks that were originally designated for projects on local routes were proposed in July 2016 to be repurposed (made available) for this project's FY16 CON phase: NJ049 (\$76,472.82), NJ208 (\$81,259.00), NJ143 (\$64,882.01), NJ182 (\$75,549.42), NJ126 (\$720,322.00), NJ131 (\$148,882.00), NJ132 (\$292,915.37), NJ154 (\$82,792.00), NJ293 (\$36,066.51), NJ061(\$171,543.78), NJ292 (\$1,500,000), NJ212 (\$287,968.00), NJ207 (\$162,700.67), NJ216 (\$94,451.72), and NJ068 (\$249,450.00). \$7,199,000 from earmark ID NJ178 was still made available for this project's FY16 CON phase.

After July 2016, \$4,311,527.97 of these repurposed earmarks (DEMO-R), except for NJ216, were actually repurposed to this project, accordingly: NJ049 (no amount change), NJ061 (no amount change), NJ068 (no amount change), NJ126 (\$801,626.11), NJ131 (\$189,512.00), NJ132 (\$346,384.57), NJ143 (\$100,067.21), NJ154 (\$92,136.00), NJ182 (\$124,007.30), NJ207 (\$222,530.67), NJ208 (\$81,259.00), NJ212 (\$320,472.00), NJ292 (no amount change), and NJ293 (no amount change). Project's own earmark, DEMO NJ178 (\$7,199,200.00) was authorized on July 5, 2016.

As a result, a total of \$20,212,000 (\$10,661,000 DEMO (includes DEMO-R and NJ178)/\$9,551,000 STP-STU) was obligated in FY16. Since the project estimate construction total is \$27,229,394.00, and \$3,105,468.00 STP-STU funds were also obligated in FY15, this leaves a total of \$3,911,926.00 for FY17 CON authorization that will be funded by \$849,527.97 DEMO-R and \$3,063,000 STP-STU for FY17 CON obligation.

<b>CMP:</b>	Minor SOV Capacity	Adding Subcorr(s): 10B
<b>Municipalities:</b>	Pemberton Borough; Pemberton Township; Southampton Township	DVRPC Planning Area: Developed Community; Rural Area
<b>CIS Program Subcategory:</b>	Local System Support/Local Roadway	CIS Program Category: Local System Support
<b>Project Manager:</b>	Berryman, Tom / Nei, Michael	Indicators of Potential Disadvantage: 7
<b>Mileposts:</b>	0.0-2.68	Sponsor: Burlington County
<b>Improvement Type:</b>	Intersection/Interchange Improvements	<b>Local Project: Y</b>

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON DEMO-R		0.849								
CON STP-STU		3.063								
CON DEMO	10.661									
CON STP-STU	9.551									
<b>Fiscal Year Total</b>	<b>20.212</b>	<b>3.912</b>								
	<b>Total FY2016-2019</b>		<b>24.124</b>		<b>Total Later FY2020-2025</b>					

**Total for Burlington:**

	34.525	42.699	14.855	20.930	11.460	3.000	5.800		0.800
	<b>Total FY2016-2019</b>			<b>113.010</b>	<b>Total Later FY2018-2023</b>			<b>21.060</b>	

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### Camden

**DB# D1505 ADA Improvements**

AQCODE: A2

This project will completely reconstruct approximately 1,088 existing or construct new ADA compliant sidewalk, curb ramps, and associated structures at various locations in the City of Camden. Crosswalks will be constructed as required or appropriate to connect opposite ADA compliant ramps at street intersections.

Note: CON is expected to advance in FY17 in the amount of \$3,114,000 FY17 STATE-DVRPC funds.

CMP: Not SOV Capacity Adding

Municipalities: Camden City

DVRPC Planning Area: Core City

CIS Program Subcategory:

CIS Program Category: Local System Support

Project Manager:

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: City of Camden

Improvement Type: Roadway Rehabilitation

**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON 17-STATE-DVRPC		3.114								
<b>Fiscal Year Total</b>		<b>3.114</b>								
	<b>Total FY2016-2019</b>			<b>3.114</b>	<b>Total Later FY2020-2025</b>					

**DB# D1712 Berlin Road (CR 702), Linden Avenue to Gibbsboro Road**

AQCODE: A2

Streetscape Improvements such as tree replacement/planting, ADA crosswalk installation, and concrete sidewalk and curb replacement will be provided for Berlin Road from Linden Avenue to Gibbsboro Road. This project will complete the remaining limits that a previous FY2014 S/TIP project, DB #D1009, Berlin Road Streetscape Improvements, Camden County, did not have adequate funding to complete.

CMP: Lindenwold Borough  
 Municipalities: Lindenwold Borough  
 CIS Program Subcategory: Developed Community  
 Project Manager: Darji, Vijesh  
 Mileposts: MP 1.21 to MP 1.78  
 Improvement Type: Streetscape  
 DVRPC Planning Area: Developed Community  
 CIS Program Category:  
 Indicators of Potential Disadvantage:  
 Sponsor: Lindenwold Borough  
**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON TAP		0.471								
<b>Fiscal Year Total</b>		<b>0.471</b>								
	<b>Total FY2016-2019</b>			<b>0.471</b>	<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Camden

**DB# D0601 Camden County Bus Purchase**

AQCODE: M10

In the DVRPC region, a combination of fixed route, subscription, and demand responsive transit services are provided in Camden County by Senior Citizens United Community Services (SCUCS)/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  
 CIS Program Subcategory: Local Aid  
 Project Manager: Primich, Norma (NJT)  
 Mileposts: N/A  
 Improvement Type: Transit Improvements

DVRPC Planning Area:  
 CIS Program Category: Local System Support  
 Indicators of Potential Disadvantage:  
 Sponsor: Camden County  
**Local Project: Y**

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
EC	CMAQ	0.000	0.000	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
<b>Fiscal Year Total</b>		<b>0.000</b>	<b>0.000</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>
<b>Total FY2016-2019</b>		<b>0.200</b>				<b>Total Later FY2020-2025</b>					
						<b>0.600</b>					

**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  
 CIS Program Subcategory: Local Aid  
 Project Manager: Masciandaro, Vince  
 Mileposts: N/A  
 Improvement Type: Roadway Rehabilitation

DVRPC Planning Area:  
 CIS Program Category: Local System Support  
 Indicators of Potential Disadvantage:  
 Sponsor: Camden County  
**Local Project: Y**

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
CON	STP-STU			0.550							
DES	STP-STU	0.100									
CON	STP-STU		0.000		0.800	0.800		0.800			0.800
<b>Fiscal Year Total</b>		<b>0.100</b>	<b>0.000</b>	<b>0.550</b>	<b>0.800</b>	<b>0.800</b>		<b>0.800</b>			<b>0.800</b>
<b>Total FY2016-2019</b>		<b>1.450</b>				<b>Total Later FY2020-2025</b>					
						<b>2.400</b>					

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Camden

**DB# D1605 CR 561 (Haddon Avenue), Gateway Project**

AQCODE: R3

This project will improve pedestrian and vehicle safety operations at the intersection of Haddon Avenue, Mt. Ephraim Avenue, Pine Street, and Line Street in the City of Camden, while providing a new and vital gateway into the downtown area of the City. Improvements will include a new geometric design to the intersection along with improved pedestrian accessibility. A new warranted traffic signal will be installed at the intersection of Pine Street and Haddon Avenue. The existing traffic signal at Line Street, Mt. Ephraim Avenue, and Haddon Avenue will be removed. New concrete sidewalk will meet ADA Guidelines, and realignment of curb and roadway pavement resurfacing will improve traffic operations. The reduction of one lane in each direction under the Interstate 676 overpass, from 4 to 2 lanes total, will minimize driver confusion in the area and allow for designated bicycle lanes to be added along both sides of Haddon Avenue. Bicycle lanes will extend along Haddon Avenue from Mt. Ephraim Avenue to Newton Avenue. A landscaped triangle park and streetscape enhancements, such as a 4-foot brick strip, trees, and lighting, between Haddon Ave., Pine St, and Haddon Ave. will match the existing streetscape along Haddon Avenue. This project is also known as the Lanning Square Gateway Project.

CMP:

Municipalities: Camden City  
 CIS Program Subcategory:  
 Project Manager: Gonzales, Nenebert  
 Mileposts: 50.52  
 Improvement Type: Intersection/Interchange Improvements

DVRPC Planning Area: Core City  
 CIS Program Category:  
 Indicators of Potential Disadvantage:  
 Sponsor: Camden County  
**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON STP-STU		1.141								
<b>Fiscal Year Total</b>		<b>1.141</b>								
	<b>Total FY2016-2019</b>		<b>1.141</b>		<b>Total Later FY2020-2025</b>					

**DB# D0902 River Road Improvements, Cramer Hill**

AQCODE: A2

This project will help implement a multi-phase effort to address the long standing issue of heavy truck traffic along River Road/River Avenue through Cramer Hill in the City of Camden. It will remove truck traffic from the Cramer Hill neighborhood's commercial and residential streets to improve the quality of life for residents and businesses, such as reducing air and noise pollution and improving public safety. A series of traffic control, traffic calming, and pedestrian measures recommended by the River Road Truck Traffic Management Study will be implemented between the intersections of River Road and State Street in Camden, New Jersey to River Road and Sherman Avenue in Pennsauken, New Jersey. Measures include: high visibility crosswalks, truck route signage, signal timing changes to slow area traffic, bulbouts, medians and intersection geometric improvements.

DEMO NJ253 (\$3,371,221) and DEMO NJ268 (\$1,002,341) for this project totals \$4,373,562 DEMO funds. However, NJ268 (\$1,002,341) was inadvertently repurposed to another project, thus leaving \$3,371,221 DEMO funds from NJ253 available.

CMP: Not SOV Capacity Adding  
 Municipalities: Camden City  
 CIS Program Subcategory:  
 Project Manager: Masciandaro, Vince  
 Mileposts:  
 Improvement Type: Streetscape

Adding Subcorr(s): 6g  
 DVRPC Planning Area: Core City  
 CIS Program Category: Local System Support  
 Indicators of Potential Disadvantage: 7  
 Sponsor: Camden City  
**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC STP-STU		0.868								
ERC DEMO		3.371								
<b>Fiscal Year Total</b>		<b>4.239</b>								
	<b>Total FY2016-2019</b>		<b>4.239</b>		<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

## 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      DVRPC Planning Area: Rural Area; Growing Suburb

CIS Program Subcategory:      CIS Program Category: Road Assets

Project Manager: Pennell, Ed      Indicators of Potential Disadvantage:

Mileposts: 19.51 - 29.70      Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON STATE		11.448								
<b>Fiscal Year Total</b>		<b>11.448</b>								
	<b>Total FY2016-2019</b>			<b>11.448</b>	<b>Total Later FY2020-2025</b>					

**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      DVRPC Planning Area: Developed Community

CIS Program Subcategory:      CIS Program Category: Bridge Assets

Project Manager: Maevsky, Andrew      Indicators of Potential Disadvantage:

Mileposts: 10.210-10.210      Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DES STATE		2.500								
CON STATE				7.000						
<b>Fiscal Year Total</b>		<b>2.500</b>		<b>7.000</b>						
	<b>Total FY2016-2019</b>			<b>9.500</b>	<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

## 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, cross roads, all nine NJDOT jurisdictional jughandles and Cuthbert Boulevard within the project limits are will be 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 culverts at Cropwell's Brook, Chandlers Run, and Pennsauken Creek will be replaced. The proposed culverts 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. Corrugated Metal Piping (CMP) will be replaced with concrete alternatives to prevent future CMP failures or collapses.

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

Municipalities: Evesham Township; Pennsauken Township; Cherry Hill Township DVRPC Planning Area: Growing Suburb; Developed Community

CIS Program Subcategory: CIS Program Category: Road Assets

Project Manager: Maevsky, Andrew Indicators of Potential Disadvantage:

Mileposts: 0.00 - 7.7 Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ROW DEMO-RS		1.500								
DES NHPP	8.100									
ROW NHPP		5.400								
CON NHPP				18.430	18.277					
<b>Fiscal Year Total</b>	<b>8.100</b>	<b>6.900</b>		<b>18.430</b>	<b>18.277</b>					
	<b>Total FY2016-2019</b>		<b>33.430</b>		<b>Total Later FY2020-2025</b>				<b>18.277</b>	

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

NEW

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 DVRPC Planning Area: Growing Suburb

CIS Program Subcategory: CIS Program Category: Road Assets

Project Manager: Pennell, Ed Indicators of Potential Disadvantage:

Mileposts: 8.9-15.90 Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON NHPP			12.429							
<b>Fiscal Year Total</b>			<b>12.429</b>							
	<b>Total FY2016-2019</b>		<b>12.429</b>		<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Camden

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

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	DVRPC Planning Area: Developed Community
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Maevsky, Andrew	Indicators of Potential Disadvantage:
Mileposts:	0.7-1.2	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PE	NHPP	2.000									
DES	NHPP		3.500								
CON	STATE				19.500						
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>3.500</b>		<b>19.500</b>						
		<u>Total FY2016-2019</u>			<i>25.000</i>	<u>Total Later FY2020-2025</u>					

**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	DVRPC Planning Area: Core City; Developed Community
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Maevsky, Andrew	Indicators of Potential Disadvantage:
Mileposts:	Rt 76: 0.70 - 1.7, Rt 676: 0 - 1.0	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON	NHPP				8.000	7.000	32.000				
<b>Fiscal Year Total</b>					<b>8.000</b>	<b>7.000</b>	<b>32.000</b>				
		<u>Total FY2016-2019</u>			<i>8.000</i>	<u>Total Later FY2020-2025</u>					

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Camden

**DB# 14426      Route 130, Bridge over Big Timber Creek**

AQCODE: SDX

Bridge replacement over Big Timber Creek, approaches & drainage. The structure is scour and fracture critical. 0818-151 Rt. 130 over Big Timber Ck., 0419-150 Rt. 130 under RR.

CMP: Not SOV Capacity Adding

Municipalities: Brooklawn Borough; Westville Borough

DVRPC Planning Area: Developed Community

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Maevsky, Andrew

Indicators of Potential Disadvantage:

Mileposts: 25.35 - 25.58

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PE NHPP		1.800								
DES STATE			3.000							
ROW STATE				0.800						
CON STATE						26.000				
<b>Fiscal Year Total</b>		<b>1.800</b>	<b>3.000</b>	<b>0.800</b>		<b>26.000</b>				
		<b>Total FY2016-2019</b>		<b>5.600</b>		<b>Total Later FY2020-2025</b>			<b>26.000</b>	

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

AQCODE: S10

Pavement rehabilitation rank #30 on the 2008 Pavement Projects List. The pavement project is identified as a priority need in the Pavement Management System.

The project requires various levels of pavement reconstruction and resurfacing. All sections will be paved with asphalt. Significant sections of the project will require only milling and paving. The other sections require full reconstruction. The reconstruction involves the removal of the existing pavement and 9" thick concrete slab, further excavation of the subbase, and the installation of Geotextile, and Roadway Stabilization prior to base and surface courses.

CMP: Not SOV Capacity Adding

Municipalities: Haddon Township; Camden City; Woodlynne Borough

DVRPC Planning Area: Developed Community; Core City

CIS Program Subcategory:

CIS Program Category: Road Assets

Project Manager: Kennard, Amy

Indicators of Potential Disadvantage:

Mileposts: 8.56 - 10.75

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DES NHPP		3.000								
CON NHPP			12.750							
<b>Fiscal Year Total</b>		<b>3.000</b>	<b>12.750</b>							
		<b>Total FY2016-2019</b>		<b>15.750</b>		<b>Total Later FY2020-2025</b>				

# DVRPC FY2016-2019 TIP for NJ

New Jersey Highway Program

Final Version

## Camden

DB# 355A

Route 295/42, Missing Moves, Bellmawr

LRPID: 75

AQCODE: 2025M

This project consists of two 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. The new ramps will merge to the north of Creek Road. Other project improvements include the re-striping of Route 55 Northbound in Gloucester County, 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 (Route 42 Northbound to I-295 Southbound ramp), 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. The Creek Road Bridge over I-295 will now be replaced.

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

Municipalities: Mount Ephraim Borough; Bellmawr Borough DVRPC Planning Area: Developed Community

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

Project Manager: McCleerey, John Indicators of Potential Disadvantage: 2

Mileposts: Rt. 295: 25.71 - 26.00; Rt. 42: 13.30 Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DES DEMO	9.959									
CON NHPP		0.000	0.000	53.000	53.000	54.000				
<b>Fiscal Year Total</b>	<b>9.959</b>	<b>0.000</b>	<b>0.000</b>	<b>53.000</b>	<b>53.000</b>	<b>54.000</b>				
	<u>Total FY2016-2019</u>			<u>62.959</u>	<u>Total Later FY2020-2025</u>			<u>107.000</u>		

# DVRPC FY2016-2019 TIP for NJ

## 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      DVRPC Planning Area: Developed Community

CIS Program Subcategory:      CIS Program Category: Congestion Relief

Project Manager: McCleerey, John      Indicators of Potential Disadvantage: 2

Mileposts: 26.41 - 27.8      Sponsor: NJDOT

Improvement Type: Roadway New Capacity

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON DEMO-RF		0.211								
CON DEMO-RS		7.578								
CON NHFP-HWY	28.374	27.140	29.607							
CON NHPP			33.393							
CON NHFP-HWY				33.308						
CON NHPP	31.626	35.071		3.692						
<b>Fiscal Year Total</b>	<b>60.000</b>	<b>70.000</b>	<b>63.000</b>	<b>37.000</b>						
	<b>Total FY2016-2019</b>			<b>230.000</b>	<b>Total Later FY2020-2025</b>					

**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:

Municipalities: Bellmawr Borough; Mount Ephraim Borough      DVRPC Planning Area: Developed Community

CIS Program Subcategory:      CIS Program Category: Congestion Relief

Project Manager: McCleerey, John      Indicators of Potential Disadvantage: 2

Mileposts: 26.41 - 27.8      Sponsor: NJDOT

Improvement Type: Roadway New Capacity

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
CON NHPP				95.000	60.000	60.000					
<b>Fiscal Year Total</b>				<b>95.000</b>	<b>60.000</b>	<b>60.000</b>					
	<b>Total FY2016-2019</b>			<b>95.000</b>	<b>Total Later FY2020-2025</b>						<b>120.000</b>

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Camden

**DB# 14322**      **Route 676, Bridges over North Branch of Newton Creek**      **NEW**

**AQCODE:** S19

Initiated by the Bridge Management System, this project will replace the decks of the Route 676 Southbound over North Branch of Newton Creek structure and the Route 676 Northbound over North Branch of Newton Creek structure. Sub-structure repair will be performed on the latter structure, as well. The project also includes pavement resurfacing within the project limits.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 2B, 6L
Municipalities:	Camden City	DVRPC Planning Area: Core City
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Maevsky, Andrew	Indicators of Potential Disadvantage:
Mileposts:	0.70	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
CON	NHPP		5.900								
DES	NHPP	1.500									
CON	STATE		0.000								
<b>Fiscal Year Total</b>		<b>1.500</b>	<b>5.900</b>								
		<u>Total FY2016-2019</u>		<i>7.400</i>	<u>Total Later FY2020-2025</u>						

**DB# D1702**      **Somerdale Road (CR 678), Burnt Mill Road (CR 670) to Echelon Road**

**AQCODE:** A2

This project will install ADA compliant curb ramps, pedestrian actuated flashing warnings, additional sidewalks, crosswalks, reduced speed limit along Somerdale Road from 35 MPH to 25 MPH, a mid-block crossing with flashing warning beacons, bike storage facility, and new pedestrian crossing options within project limits. These improvements will make it safer for pedestrians to cross Somerdale Road, provide ADA accessibility, increase vehicular awareness of the presence of children and pedestrians, reduce the amount of unpaved walkways, and create an additional juncture for pedestrians crossing Somerdale Road. The improvements, as a whole, will support Camden County's "Complete Streets Policy". They will also help extend the existing bicycle network and pedestrian network as the main corridor through connecting these facilities.

The project is located within a mile of the Ashland PATCO station and Camden County Library. Within the projects limits are the Osage Elementary School, a mixed-use Voorhees Town Center that includes department stores such as Macy's, and a number of residential areas. Somerdale Road is a busy urban minor arterial road with an AADT over 15,000. It is a key section of the region's bicycle network. This project was selected from the 2015 CMAQ Competitive Program for New Jersey, which was approved by the DVRPC Board on Oct. 22, 2015, for \$515,000 CMAQ funds. Voorhees Township will sponsor and maintain project improvements through a shared service agreement with Camden County.

CMP:	Voorhees Township	DVRPC Planning Area: Developed Community
Municipalities:		CIS Program Category:
CIS Program Subcategory:		Indicators of Potential Disadvantage:
Project Manager:	Gonzales, Nenebert	Sponsor: Voorhees Twp.
Mileposts:	0.95 - 1.49	<b>Local Project: Y</b>
Improvement Type:	Bicycle/Pedestrian Improvement	

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
CON	CMAQ		0.628								
<b>Fiscal Year Total</b>			<b>0.628</b>								
		<u>Total FY2016-2019</u>		<i>0.628</i>	<u>Total Later FY2020-2025</u>						

# DVRPC FY2016-2019 TIP for NJ

New Jersey Highway Program

Final Version

## Camden

**DB# D1705 South 7th Street, Pine Street to Atlantic Avenue**

AQCODE: S10

Due to the severe deteriorated condition of the pavement and associated curb and sidewalk areas, this project will reconstruct or resurface less than a mile of South Seventh St. from Pine St. to Atlantic Ave. and replace existing pavement structure (surface & base courses), base repairs, concrete curbs and sidewalks, catch basins, and associated pipe connections, curb ramps, and traffic striping. New sidewalks, ADA ramps, and crosswalks will be included. Construction cost estimate includes construction engineering services.

CMP:

Municipalities: Camden City  
 CIS Program Subcategory:  
 Project Manager: Gonzales, Bert  
 Mileposts: 0.28 – 0.82  
 Improvement Type: Roadway Rehabilitation

DVRPC Planning Area: Core City  
 CIS Program Category:  
 Indicators of Potential Disadvantage:  
 Sponsor: City of Camden  
**Local Project: Y**

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON	STP-STU		2.876								
<b>Fiscal Year Total</b>			<b>2.876</b>								
		<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
			2.876								

**Total for Camden:**

81.659	117.517	91.829	239.630	138.377	172.900	0.100	0.900	0.100	0.900
<u>Total FY2016-2019</u>				<u>Total Later FY2018-2023</u>					
530.635				313.277					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Highway Program

Final Version

## Gloucester

**DB# D1509 CR 553/CR553 Alt, East Ave to Lambs Rd (CR 635) and Lambs Road, CR 635 to CR 553**

AQCODE: S10

5.32 miles of Main Street/Broadway (CR 553 Alternate) and Lambs Road (CR 635) will be milled and paved within project limits. The project will mill and resurface Main Street/Broadway (CR 553 Alternate) from the CONRAIL line near East Avenue in Glassboro Borough to the edge of the Rowan University campus to Lambs Road (CR 635) at the border of Mantua Township. The project will then continue along Lambs Road (CR 635) from Main Street/Broadway (CR 553 Alternate) to Woodbury-Glassboro Road (CR 553) in Pitman Borough and Mantua Township.

Enhancements to safety measures such as long-life striping, bicycle-safe inlet grates, and curb replacements to meet ADA standards will occur. Any deteriorated concrete base course uncovered during the resurfacing project will be rehabilitated (replaced in kind) during the project. Long life traffic stripes and raised pavement markers will be installed on the new pavement surface. Deteriorated pipes within the project limits will be lined. The existing traffic signal systems at Pitman Avenue (CR 639), Holly Avenue (CR 624), Donald Barger Boulevard/Heston Road, as well as Lambs Road (CR 635) that intersect Main Street/Broadway (CR 553 Alternate) will be upgraded to comply with current regulations and include solar panel systems.

Note: \$3,750,000 STATE-DVRPC funds from 2014 (14-STATE-DVRPC) were encumbered in FY15 and is shown in FY17 to reflect the total project cost of \$3,810,461.86 or \$3,811,000. As a result of anticipated additional work that is part of the approved CED, an additional \$61,000 STATE-DVRPC funds (\$8,000 from 2016 and \$53,000 from 2015) will be provided.

CMP:

Municipalities: Glassboro Borough; Mantua Township; Pitman Borough

DVRPC Planning Area: Growing Suburb; Developed Community

CIS Program Subcategory:

CIS Program Category: Local System Support

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

38.91-41.59; 0-1.93; 1.82-2.67

Sponsor: Gloucester County

Improvement Type:

Roadway Rehabilitation

**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON 14-STATE-DVRPC		3.750								
CON 15-STATE-DVRPC		0.053								
CON 16-STATE-DVRPC		0.008								
<b>Fiscal Year Total</b>		<b>3.811</b>								
	<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
			<b>3.811</b>							

# DVRPC FY2016-2019 TIP for NJ

New Jersey Highway Program

Final Version

## Gloucester

**DB# D1711 CR 555 (Main Road), Cumberland County line to Route 40 (Harding Highway)**

AQCODE: S10

Improvements will include milling and resurfacing the entire project length to address cross slope problems that currently cause drainage problems and driver control problems due to poor slopes, restriping to narrow lane widths to 11 ft, adding 8 in wide edge lines to better delineate travel lane, and using Safety Edge to address run off the road crashes. New RPM's will be installed on the centerline for entire project length of new paved roadway, and on curves. Additionally, a new intersection control beacon (flasher) will be installed at the intersection of Forest Grove Road, as well as improve signing and striping, and add curb for better roadway delineation at this location. The two existing flashing beacons will be upgraded by adding heads and improving signing and striping, and constructing curb for better roadway delineation.

This project will extend the limits of DB #D1704, CR 555 (Main Road), Route 40 (Harding Highway) to CR 557 (Tuckahoe Road), starting from mileposts 21.5 (Route 40/Harding Highway) to 18.9 (Cumberland County line).

CMP:

Municipalities: Franklin Township

DVRPC Planning Area: Rural Area

CIS Program Subcategory:

CIS Program Category:

Project Manager: San Jose, Art

Indicators of Potential Disadvantage:

Mileposts: MP 18.9 to MP 21.5

Sponsor: Gloucester County

Improvement Type: Roadway Rehabilitation

**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON STP-STU		2.500								
<b>Fiscal Year Total</b>		<b>2.500</b>								
	<u>Total FY2016-2019</u>		<u>2.500</u>		<u>Total Later FY2020-2025</u>					

**DB# D1704 CR 555 (Main Road), Route 40 (Harding Highway) to CR 557 (Tuckahoe Road)**

AQCODE: S10

Improvements on Main Road (CR 555) from Harding Highway (US 40) to Tuckahoe Road (CR 557) will include restriping to narrow lane widths to 11 ft, add 8 in. wide edge line to better delineate travel lane, use High Friction Surface Treatment (HFST) at problem locations, mill and resurface entire project length to address cross slope problems that currently cause drainage problems and driver control problems due to poor slope. Project will also install new RPMs on centerline for the entire 4.32 miles of the project length of new paved roadway, including on curves. Two flashing intersection warning beacons will be installed at the Lake Avenue and at the Dutch Mill Road intersections. Construction cost estimate includes construction engineering services.

CMP:

Municipalities: Franklin Township

DVRPC Planning Area: Rural Area

CIS Program Subcategory:

CIS Program Category:

Project Manager: San Jose, Arturo

Indicators of Potential Disadvantage:

Mileposts: 21.50 to 25.84

Sponsor: Gloucester County

Improvement Type: Roadway Rehabilitation

**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON STP-STU		2.340								
<b>Fiscal Year Total</b>		<b>2.340</b>								
	<u>Total FY2016-2019</u>		<u>2.340</u>		<u>Total Later FY2020-2025</u>					

# DVRPC FY2016-2019 TIP for NJ

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

DVRPC Planning Area:

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Primich, Norma (NJT)

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: Gloucester County

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

**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON CMAQ	0.000	0.000	0.070	0.070	0.070	0.070	0.070	0.070	0.070	0.070
<b>Fiscal Year Total</b>	<b>0.000</b>	<b>0.000</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>
	<b>Total FY2016-2019</b>			<b>0.140</b>	<b>Total Later FY2020-2025</b>			<b>0.420</b>		

# DVRPC FY2016-2019 TIP for NJ

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.

Notes:

\$1,000,000 FY15 STATE-DVRPC funded ROW phase is expected to advance in FY17.

The total CON cost is \$2,000,000 STATE-DVRPC funds from 2017. CON is expected to advance in FY18.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 7E
Municipalities:	Glassboro Borough; Elk Township	DVRPC Planning Area: Growing Suburb; Rural Area
CIS Program Subcategory:	Local System Support	CIS Program Category: Local System Support
Project Manager:	Cihocki, David	Indicators of Potential Disadvantage:
Mileposts:		Sponsor: Gloucester County
Improvement Type:	Bicycle/Pedestrian Improvement	<b>Local Project: Y</b>

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ROW 15-STATE-DVRPC		1.000								
CON 17-STATE-DVRPC			2.000							
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>2.000</b>							
	<b>Total FY2016-2019</b>			<b>3.000</b>	<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Highway Program

Final Version

## Gloucester

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

AQCODE: S11

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

Note:  
 -CON was expected to advance in FY17 in the amount of \$543,000 FY16 STATE-DVRPC funds.. As a result of the low bid amount (\$611,333.77), \$612,000 (\$543,000 16-STATE-DVRPC/\$69,000 15-STATE-DVRPC) would be authorized in FY17.  
 -CON would also advance in FY18 in the amount of \$700,000 FY17 STATE-DVRPC funds.

CMP: Not SOV Capacity Adding

Municipalities: Various  
 CIS Program Subcategory: Local Aid  
 Project Manager: Arturo, San Jose  
 Mileposts: N/A  
 Improvement Type: Roadway Rehabilitation

DVRPC Planning Area:  
 CIS Program Category: Local System Support  
 Indicators of Potential Disadvantage:  
 Sponsor: Gloucester County  
**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON 15-STATE-DVRPC		0.069								
CON 16-STATE-DVRPC		0.543								
CON 17-STATE-DVRPC			0.700							
CON STP-STU					0.800		0.800		1.000	
<b>Fiscal Year Total</b>		<b>0.612</b>	<b>0.700</b>		<b>0.800</b>		<b>0.800</b>		<b>1.000</b>	
		<b>Total FY2016-2019</b>		<b>1.312</b>	<b>Total Later FY2020-2025</b>			<b>2.600</b>		

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Gloucester

#### DB# D1508 Holly Avenue (CR 624), Lambs Road (CR 635) to Rt 47 (Delsea Drive)

AQCODE: S10

Approximately two miles of Holly Avenue (CR 624) will be milled and paved from Lambs Road (CR 624) through Main Street/Broadway (CR 553 Alt) and Woodbury-Glassboro Road (CR 553) to Delsea Drive (Route 47). The project will consist of milling the pavement to a depth of 2 1/2" and resurfacing with a 2 1/2" and variable thick Hot Mix Asphalt 12.5M76 surface course from Delsea Drive (Route 47) at the Washington Township/Pitman Borough border to Main Street/Broadway (CR 553 Alt) in the downtown of Pitman Borough. It will also provide enhancements to safety measures including long-life striping, bicycle-safe inlet grades, and curb replacements to meet ADA standards. Any deteriorated concrete base course uncovered during the resurfacing project will be rehabilitated (replaced in kind) during the project. Raised pavement markers will be installed on the new pavement surface. Deteriorated pipes within the project limits will be lined.

This project was programmed for \$500,000 FY15 STATE-DVRPC funds on the previous 2014-2017 NJ TIP. It encumbered \$550,000 FY15 STATE-DVRPC funds in November 2015. Upon final completion, an additional \$15,000 is needed to cover actual construction costs for the contractor (\$531,496.87), consultant (\$42,090.13), and material testing (\$13,177.50), totaling \$586,764.50.

CMP:  
 Municipalities: Pitman Borough  
 CIS Program Subcategory: Project Manager:  
 Mileposts: 3.99-5.96  
 Improvement Type: Roadway Rehabilitation  
 DVRPC Planning Area: Developed Community  
 CIS Program Category: Local System Support  
 Indicators of Potential Disadvantage:  
 Sponsor: Gloucester County  
**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON 15-STATE-DVRPC	0.011									
CON 16-STATE-DVRPC	0.024									
CON 17-STATE-DVRPC		0.002								
<b>Fiscal Year Total</b>	<b>0.035</b>	<b>0.002</b>								
	<b>Total FY2016-2019</b>			<b>0.037</b>	<b>Total Later FY2020-2025</b>					

#### DB# D1701 Hurffville-Grenloch (CR 635), Skelly Lane to CR 705 (Woodbury-Turnersville Rd)

AQCODE: S10

The project will consist of milling 1.12 miles of existing pavement to a depth of 2 1/2" and resurfacing with a 2 1/2" and variable thick Hot Mix Asphalt 12.5M76 surface course and various safety improvements from Skelly Lane to Woodbury – Turnersville Road (CR 705) in Washington Twp. The current centerline grade will be generally held, and new cross slopes will be developed to provide the normal section of 2% to establish the proposed construction baseline (crown). The pavement cross slope will be varied in the field as needed to expose and provide curb reveal where necessary. Safety improvements include the installation of new accessible ramps at intersections as well as the removal and replacement of guiderail near the intersection with Cotswold Way will be upgraded to current standards. Bicycle safe grates and NJDEP ECO compliant heads and grates will be constructed to comply with current storm water regulations.

CMP:  
 Municipalities: Washington Township  
 CIS Program Subcategory: Project Manager:  
 Mileposts: 5.97 - 7.03  
 Improvement Type: Roadway Rehabilitation  
 DVRPC Planning Area: Developed Community  
 CIS Program Category:  
 Indicators of Potential Disadvantage:  
 Sponsor: Gloucester County  
**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON STP-STU		0.700								
<b>Fiscal Year Total</b>		<b>0.700</b>								
	<b>Total FY2016-2019</b>			<b>0.700</b>	<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Gloucester

**DB# 17378 Penns Grove Secondary Siding Installation**

AQCODE:

The project involves the construction of a new railroad siding within the existing Pennsylvania Grove Secondary (Penns Grove Secondary) railroad right-of-way, located in the Borough of Paulsboro and the Township of Greenwich, Gloucester County, New Jersey. The project involves the construction of approximately 4,800 feet of additional siding track west of the turnoff to the Port of Paulsboro. The new track will facilitate movement into and out of the recently improved Port of Paulsboro and reduce idling and occupation of the Penns Grove mainline during port entry/exit maneuvers. Presently, the only access to the Port is oriented to receive southbound trains and northbound reverse trips. Trains traveling northbound must pass the Port and reverse in. The reverse move is also required for southbound trips originating from the port. The reversing movements occupy the mainline, interfering with the movement of through trains and blocking access to the rail-served refinery south of the Port of Paulsboro. The siding would enable trains to perform the reverse move without occupying the through track. The existing right-of-way consists of rail and ballast with little to no vegetation. Construction activities for the new rail siding will include adding new ballast stone and base re-grading prior to the installation of new ties and rail. \$388,732 Local match from Conrail.

CMP:

Municipalities:

CIS Program Subcategory: Intermodal Programs

Project Manager:

Mileposts: 14.50-15.20

Improvement Type: Other

DVRPC Planning Area:

CIS Program Category:

Indicators of Potential Disadvantage:

Sponsor: NJDOT

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON Local		0.389								
CON NHFP		1.555								
<b>Fiscal Year Total</b>		<b>1.944</b>								
	<b>Total FY2016-2019</b>			<b>1.944</b>	<b>Total Later FY2020-2025</b>					

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

**NEW-G**

AQCODE: R1

The overall purpose of this project is to address operational, physical, and safety deficiencies at the existing intersection. Proposed improvements to reconstruct corner to give larger radius to improve right & Left turn movement & Construct Island to provide channelization as well as increase the shoulder width.

CMP: Not SOV Capacity Adding

Municipalities: Franklin Township

CIS Program Subcategory:

Project Manager: Marcellus, Evens

Mileposts: Rt 40: 30.1 - 30.4, CR 555: 21.4 - 21.6

Improvement Type: Intersection/Interchange Improvements

DVRPC Planning Area: Rural Area

CIS Program Category: Congestion Relief

Indicators of Potential Disadvantage:

Sponsor: Franklin Township (Gloucester)

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
PE NHPP	1.000										
DES NHPP			1.500								
ROW NHPP				1.000							
CON NHPP					2.100						
<b>Fiscal Year Total</b>	<b>1.000</b>		<b>1.500</b>	<b>1.000</b>	<b>2.100</b>						
	<b>Total FY2016-2019</b>			<b>3.500</b>	<b>Total Later FY2020-2025</b>						<b>2.100</b>

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Gloucester

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

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

**CMP:** Not SOV Capacity Adding

**Municipalities:** Franklin Township

DVRPC Planning Area: Rural Area

**CIS Program Subcategory:**

CIS Program Category: Road Assets

**Project Manager:** Kasbekar, Mike

Indicators of Potential Disadvantage:

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

Sponsor: NJDOT

**Improvement Type:** Roadway Rehabilitation

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON	DEMO-RF		0.244								
CON	DEMO-RS		0.893								
CON	NHPP		0.822								
<b>Fiscal Year Total</b>			<b>1.959</b>								
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
				<b>1.959</b>							

**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

DVRPC Planning Area: Developed Community

**CIS Program Subcategory:**

CIS Program Category: Road Assets

**Project Manager:** Maevsky, Andrew

Indicators of Potential Disadvantage:

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

Sponsor: NJDOT

**Improvement Type:** Roadway Rehabilitation

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DES	NHPP		2.500								
ROW	NHPP		0.500								
CON	NHPP				6.000	8.000					
<b>Fiscal Year Total</b>			<b>3.000</b>		<b>6.000</b>	<b>8.000</b>					
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
				<b>9.000</b>						<b>8.000</b>	

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Gloucester

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

**AQCODE:** S19      Initiated by the Bridge Management System, this project will replace the structurally deficient and functionally obsolete bridge, built in 1892.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 11B
Municipalities:	Woodbury City	DVRPC Planning Area: Developed Community
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	McCleerey, John	Indicators of Potential Disadvantage:
Mileposts:	26.21	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PE NHPP		0.800								
PE NHPP	0.000									
DES STATE		0.800								
CON STATE			3.500							
<b>Fiscal Year Total</b>	<b>0.000</b>	<b>1.600</b>	<b>3.500</b>							
	<b>Total FY2016-2019</b>			<b>5.100</b>	<b>Total Later FY2020-2025</b>					

**DB# 14363**      **Route 45, Main Street (CR 672) to Chestnut Street**      **NEW**

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

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 7C, 11C
Municipalities:	South Harrison Township	DVRPC Planning Area: Rural Area
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Pennell, Ed	Indicators of Potential Disadvantage:
Mileposts:	9.52 - 22.50	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON STATE	8.355									
<b>Fiscal Year Total</b>	<b>8.355</b>									
	<b>Total FY2016-2019</b>			<b>8.355</b>	<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Gloucester

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

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	DVRPC Planning Area: Developed Community
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Maevsky, Andrew	Indicators of Potential Disadvantage:
Mileposts:	74.8 - 75.2	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PE    NHPP		1.900								
DES   STATE			3.000							
ROW   STATE				3.300						
CON   STATE					28.300					
<b>Fiscal Year Total</b>		<b>1.900</b>	<b>3.000</b>	<b>3.300</b>	<b>28.300</b>					
		<u>Total FY2016-2019</u>	<u>8.200</u>		<u>Total Later FY2020-2025</u>	<u>28.300</u>				

**DB# 15310**      **Route 47, Bridge over Route 295**      **SD**

AQCODE:    SDX

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	DVRPC Planning Area: Developed Community
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Marcellus, Evens	Indicators of Potential Disadvantage:
Mileposts:	74	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PE    NHPP	0.500									
DES   NHPP		1.500								
CON   STATE				6.400						
<b>Fiscal Year Total</b>	<b>0.500</b>	<b>1.500</b>		<b>6.400</b>						
		<u>Total FY2016-2019</u>	<u>8.400</u>		<u>Total Later FY2020-2025</u>					

# DVRPC FY2016-2019 TIP for NJ

## 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      DVRPC Planning Area: Growing Suburb; Rural Area; Developed Community

CIS Program Subcategory:      CIS Program Category: Road Assets

Project Manager: Maevsky, Andrew      Indicators of Potential Disadvantage:

Mileposts: 62.3-75.2      Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DES STP		2.500								
CON STP				7.900	13.000					
<b>Fiscal Year Total</b>		<b>2.500</b>		<b>7.900</b>	<b>13.000</b>					
<b>Total FY2016-2019</b>			<b>10.400</b>		<b>Total Later FY2020-2025</b>				<b>13.000</b>	

**DB# 12429      Route 77, Elmer-Shirley Road (CR 611) to Gangemi Lane**

**NEW**

AQCODE: S10

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

CMP: Not SOV Capacity Adding

Municipalities: Elk Township; Harrison Township      DVRPC Planning Area: Rural Area; Growing Suburb

CIS Program Subcategory:      CIS Program Category: Road Assets

Project Manager: Bousenberry, Bob      Indicators of Potential Disadvantage:

Mileposts: 10.62-21.0      Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON STP		1.844								
<b>Fiscal Year Total</b>		<b>1.844</b>								
<b>Total FY2016-2019</b>			<b>1.844</b>		<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Highway Program

Final Version

## Gloucester

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

AQCODE: S10

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

CMP: Not SOV Capacity Adding

Municipalities: Logan Township

DVRPC Planning Area: Growing Suburb

CIS Program Subcategory:

CIS Program Category: Road Assets

Project Manager: Kasbekar, Mike

Indicators of Potential Disadvantage:

Mileposts: 0.2-10.98

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON	STATE		2.231								
<b>Fiscal Year Total</b>			<b>2.231</b>								
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		2.231									

**DB# 09327     Route 168, Bridge over Big Timber Creek**

AQCODE: S19

Initiated by the Bridge Management System, this project will replace the existing bridge. The new Bridge will maintain the one lane, shoulder and sidewalk for the Northbound direction, and two (2) lanes, shoulder and sidewalk in the Southbound direction.

CMP: Not SOV Capacity Adding

Municipalities: Washington Township

DVRPC Planning Area: Rural Area

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Maevsky, Andrew

Indicators of Potential Disadvantage: 0

Mileposts: 0.75

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON	BRIDGE	4.000									
UTL	NHPP		0.500								
CON	NHPP	3.300									
<b>Fiscal Year Total</b>		<b>7.300</b>	<b>0.500</b>								
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		7.800									

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Gloucester

**DB# 14328**      **Route 322, Business, Bridge over Raccoon Creek**      **NEW**

**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	DVRPC Planning Area: Growing Suburb
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Patel, Pankesh	Indicators of Potential Disadvantage:
Mileposts:	17.73	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DES      NHPP		0.420								
ROW      NHPP		0.080								
CON      STATE		1.574								
<b>Fiscal Year Total</b>		<b>2.074</b>								
	<b>Total FY2016-2019</b>		<b>2.074</b>		<b>Total Later FY2020-2025</b>					

**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	DVRPC Planning Area: Growing Suburb
CIS Program Subcategory:	Congestion Relief	CIS Program Category: Local System Support
Project Manager:	Bergeman, Chris / Lubelski, Dave	Indicators of Potential Disadvantage: 0
Mileposts:	N/A	Sponsor: NJDOT
Improvement Type:	Roadway New Capacity	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC      STATE	1.000	1.500	1.000							
<b>Fiscal Year Total</b>	<b>1.000</b>	<b>1.500</b>	<b>1.000</b>							
	<b>Total FY2016-2019</b>		<b>3.500</b>		<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

## 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 DVRPC Planning Area: Growing Suburb  
 CIS Program Subcategory: Congestion Relief CIS Program Category: Congestion Relief  
 Project Manager: Kennard, Amy Indicators of Potential Disadvantage: 0  
 Mileposts: 6.72 - 7.25 Sponsor: NJDOT  
 Improvement Type: Intersection/Interchange Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DES	NHPP	0.800									
CON	NHPP		4.900								
<b>Fiscal Year Total</b>		<b>0.800</b>	<b>4.900</b>								
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		5.700									

#### DB# 14362 Route 322, Route 47 (Delsea Drive) to Curtis Avenue

NEW

AQCODE: S10

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

CMP: Not SOV Capacity Adding Subcorr(s): 7E  
 Municipalities: Glassboro Borough; Monroe Township DVRPC Planning Area: Growing Suburb  
 CIS Program Subcategory: Road Assets CIS Program Category: Road Assets  
 Project Manager: Marcellus, Evens Indicators of Potential Disadvantage:  
 Mileposts: 18.25 - 24.09 Sponsor: NJDOT  
 Improvement Type: Roadway Rehabilitation

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON	STATE	3.860									
<b>Fiscal Year Total</b>		<b>3.860</b>									
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		3.860									



# DVRPC FY2016-2019 TIP for NJ

New Jersey Highway Program

Final Version

## Gloucester

Total for Gloucester:

23.750	42.996	16.100	24.670	23.970	28.370	0.870	0.070	1.070	0.070
<u>Total FY2016-2019</u>				<u>Total Later FY2018-2023</u>					
107.516				54.420					

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway 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 DVRPC Planning Area:  
 CIS Program Subcategory: CIS Program Category: Bridge Assets  
 Project Manager: Hameed, Omar Indicators of Potential Disadvantage:  
 Mileposts: N/A Sponsor: NJDOT  
 Improvement Type: Bridge Repair/Replacement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PE STATE	0.200									
DES STATE		0.375								
CON STATE			4.546							
<b>Fiscal Year Total</b>	<b>0.200</b>	<b>0.375</b>	<b>4.546</b>							
	<b>Total FY2016-2019</b>			<b>5.121</b>	<b>Total Later FY2020-2025</b>					

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 DVRPC Planning Area: Developed Community  
 CIS Program Subcategory: Quality of Life CIS Program Category: Road Assets  
 Project Manager: Campi, John Indicators of Potential Disadvantage: 3  
 Mileposts: N/A Sponsor: NJDOT  
 Improvement Type: Other

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
EC STATE	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	
<b>Fiscal Year Total</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	
	<b>Total FY2016-2019</b>			<b>0.400</b>	<b>Total Later FY2020-2025</b>						<b>0.600</b>

# DVRPC FY2016-2019 TIP for NJ

## 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.

Note: Engineering/Construction (EC) is anticipated to advance in FY17 in the amount of \$300,000 STATE-DVRPC funds from 2016. CON is expected to advance in FY18 in the amount of \$1 million (\$300,000 STATE-DVRPC from 2016 and \$700,000 STATE-DVRPC from 2017).

CMP: Not SOV Capacity Adding

Municipalities: Various  
 CIS Program Subcategory: Local Aid  
 Project Manager: Kumar, Arun  
 Mileposts: N/A  
 Improvement Type: Roadway Rehabilitation

DVRPC Planning Area:  
 CIS Program Category: Local System Support  
 Indicators of Potential Disadvantage:  
 Sponsor: Mercer County  
**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON 16-STATE-DVRPC			0.300							
EC 16-STATE-DVRPC		0.300								
CON 17-STATE-DVRPC			0.700							
CON STP-STU					0.800		0.800		0.800	
<b>Fiscal Year Total</b>		<b>0.300</b>	<b>1.000</b>		<b>0.800</b>		<b>0.800</b>		<b>0.800</b>	
		<b>Total FY2016-2019</b>		<b>1.300</b>		<b>Total Later FY2020-2025</b>			<b>2.400</b>	

**DB# D0702 Mercer County Signal Project, CR 533**

AQCODE: 2020M

This project will include the development of operations plans and signal timing plans in an effort to improve traffic signal coordination for 21 existing signalized intersections on CR 533 in Mercer County from the Whitehorse Circle to Nassau Park Boulevard. The plans will address the management of traffic under both peak-period conditions as well as off-peak conditions and will be consistent with the Delaware Valley Regional ITS Architecture.

This project will advance construction in FY17 with \$6,000,000 FY14 STATE-DVRPC funds and \$500,000 FY16 STATE-DVRPC funds, totaling \$6,500,000.

CMP: Minor SOV Capacity

Municipalities: Hamilton Township; West Windsor Township  
 CIS Program Subcategory: Local Aid  
 Project Manager: Kumar, Arun  
 Mileposts: 0.0 - 8.41  
 Improvement Type: Signal/ITS Improvements  
 This project contains ITS elements.

DVRPC Planning Area: Developed Community  
 CIS Program Category: Local System Support  
 Indicators of Potential Disadvantage: 0  
 Sponsor: Mercer County  
**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON 16-STATE-DVRPC		0.500								
<b>Fiscal Year Total</b>		<b>0.500</b>								
		<b>Total FY2016-2019</b>		<b>0.500</b>		<b>Total Later FY2020-2025</b>				

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Mercer

DB# D1703

#### Princeton Township Bike Share Expansion

AQCODE: A2

The proposed Princeton Community Bike Share Program and Bicycle Infrastructure Improvements project will include the following elements:

- 1) Incorporate existing Princeton Community Bike Rental station, created by Princeton University, at the NJ TRANSIT Princeton Branch "Dinky" Station into this proposed bike share program.
- 2) Install a maximum of five municipal bike stations. Each bike station will be comprised of a covered and partially enclosed structure that will contain bike racks for up to twenty bikes. Both private and shared bikes may utilize these bike parking shelters. The bike stations will be co-located near inter-municipal (FreeB and Tiger Transit) and regional (NJ TRANSIT) bus routes.
- 3) Install up to two bike stations on the Princeton University campus through the University's capital improvement funds.
- 4) Design and install bike station signage at all of the locations to provide a coordinated Community brand for the bike share program across municipal and campus borders.
- 5) Expand the current 10-bicycle Princeton Community "Smart Bike" bike rental program into a "Smart Bike" bike share program of approximately 50-60 bicycles.
- 6) Design and implement advertising and educational campaigns to inform the Princeton Community about the bike share program and its benefits as an alternate mode of transportation. If funding permits, some of the grant may be used to subsidize bicycle education and training for new bike share members.

This project was selected from the 2015 CMAQ Competitive Program for New Jersey, which was approved by the DVRPC Board on Oct. 22, 2015, for \$196,000 CMAQ funds.

CMP:

Municipalities:	Princeton Borough	DVRPC Planning Area: Developed Community
CIS Program Subcategory:		CIS Program Category:
Project Manager:	Kumar, Arun	Indicators of Potential Disadvantage:
Mileposts:		Sponsor: Princeton
Improvement Type:	Bicycle/Pedestrian Improvement	<b>Local Project: Y</b>

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON CMAQ		0.196								
<b>Fiscal Year Total</b>		<b>0.196</b>								
	<u>Total FY2016-2019</u>		<i>0.196</i>		<u>Total Later FY2020-2025</u>					

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Mercer

**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.

Note: \$800,000 STATE-DVRPC funds from 2015 were encumbered for FY15 DES.

CMP: Minor SOV Capacity Adding Subcorr(s): 14B  
 Municipalities: West Windsor Township DVRPC Planning Area: Developed Community  
 CIS Program Subcategory: Local Aid CIS Program Category: Local System Support  
 Project Manager: Kumar, Arun Indicators of Potential Disadvantage: 0  
 Mileposts: 40.32 - 40.97 Sponsor: Mercer County  
 Improvement Type: Intersection/Interchange Improvements **Local Project: Y**

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
CON	STP-STU			4.500	5.500						
<b>Fiscal Year Total</b>				<b>4.500</b>	<b>5.500</b>						
		<b>Total FY2016-2019</b>			<b>10.000</b>	<b>Total Later FY2020-2025</b>					

**DB# D1408 Province Line Road Bike Trail**

AQCODE: S19

This project will help complete the regional bicycle and pedestrian network by installing a dedicated eight foot (8') wide bicycle and pedestrian trail along the eastern side of Province Line Road to link various segments of the Lawrence Hopewell Trail from the southeastern end of the Bristol Myers Squibb campus in Lawrenceville, across U.S. Route 206, south on Province Line Road to Bannister Drive, where the trail turns and continues on residential streets.

The Province Line Road section of the Lawrence-Hopewell Trail is approximately 2,700 feet long and is expected to safely take trail users off a very busy, narrow Quaker Bridge Mall - Route 1 connector road and provide important access to community parks. It will provide trail access to three neighborhoods that are presently cut off from any safe bicycling or walking opportunities. Going south, the segment also serves as an important link to the Princeton Pike bike lane that continues for about a mile before turning off road at the historic Brearley House and onto the Delaware and River (D&R) Canal.

This was a project selected from the 2012 DVRPC Competitive CMAQ Program for \$360,000 CMAQ funds.

CMP: Lawrance Township DVRPC Planning Area: Developed Community  
 Municipalities: Lawrance Township CIS Program Category: Multimodal Programs  
 CIS Program Subcategory: Indicators of Potential Disadvantage:  
 Project Manager: Kumar, Arun Sponsor: Lawrance Township  
 Mileposts: N/A **Local Project: Y**  
 Improvement Type: Bicycle/Pedestrian Improvement

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
CON	CMAQ	0.391									
<b>Fiscal Year Total</b>		<b>0.391</b>									
		<b>Total FY2016-2019</b>			<b>0.391</b>	<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Mercer

**DB# 12406**      **Route 1, CR 533 (Quakerbridge Road) to Ridge Road**      **NEW**

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

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 4B
Municipalities:	West Windsor Township	DVRPC Planning Area: Developed Community
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Gandhi, Anupam	Indicators of Potential Disadvantage:
Mileposts:	NB: 7.90-9.22 & 12.00-14.50; SB 8.50-9.22 & 9.60-10.80 & 12.10-14.00	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
CON DEMO-RF		0.450									
CON DEMO-RS		5.702									
CON NHPP		0.000									
<b>Fiscal Year Total</b>		<b>6.152</b>									
		<b>Total FY2016-2019</b>		<b>6.152</b>	<b>Total Later FY2020-2025</b>						

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

AQCODE: 2020M      This project resulted from a Congestion Management Study. Critical concerns are safety/efficiency in the separation of through and local traffic. Widening of Rt. 1 Southbound to 3 through lanes with a 2 lane Collector Distributor (CD) Road is proposed. Driveway access revisions are also included to minimize conflicts.

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

CMP:	Minor SOV Capacity	Adding Subcorr(s): 4B
Municipalities:	Lawrence Township; West Windsor Township	DVRPC Planning Area: Developed Community
CIS Program Subcategory:	Safety	CIS Program Category: Safety Management
Project Manager:	Campi, John	Indicators of Potential Disadvantage: 3
Mileposts:	7.61 - 8.69; 8.94; 9.25	Sponsor: NJDOT
Improvement Type:	Intersection/Interchange Improvements	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
CON NHPP		7.000									
CON NHPP			7.150								
<b>Fiscal Year Total</b>		<b>7.000</b>	<b>7.150</b>								
		<b>Total FY2016-2019</b>		<b>14.150</b>	<b>Total Later FY2020-2025</b>						

# DVRPC FY2016-2019 TIP for NJ

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	DVRPC Planning Area: Core City
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Birch, William	Indicators of Potential Disadvantage:
Mileposts:	2.94 - 4.34	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DES NHPP		3.000								
ROW NHPP		0.150								
CON NHPP					5.086					
<b>Fiscal Year Total</b>		<b>3.150</b>			<b>5.086</b>					
		<u>Total FY2016-2019</u>	<i>3.150</i>		<u>Total Later FY2020-2025</u>	<i>5.086</i>				

**DB# 08355 Route 31, Bridge over CSX Railroad**

AQCODE: S19

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

CMP:	Not SOV Capacity Adding	DVRPC Planning Area: Rural Area; Developed Community
Municipalities:	Hopewell Township; Pennington Borough	CIS Program Category: Bridge Assets
CIS Program Subcategory:	Bridge Preservation	Indicators of Potential Disadvantage: 1
Project Manager:	Campi, John	Sponsor: NJDOT
Mileposts:	6.84 - 7.33	
Improvement Type:	Bridge Repair/Replacement	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON NHPP	12.500									
<b>Fiscal Year Total</b>	<b>12.500</b>									
		<u>Total FY2016-2019</u>	<i>12.500</i>		<u>Total Later FY2020-2025</u>					

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Mercer

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

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

<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 8B
<b>Municipalities:</b>	Hopewell Borough; Pennington Borough	DVRPC Planning Area: Developed Community
<b>CIS Program Subcategory:</b>		CIS Program Category: Road Assets
<b>Project Manager:</b>	Campi, John	Indicators of Potential Disadvantage:
<b>Mileposts:</b>	4.7 - 14.3	Sponsor: NJDOT
<b>Improvement Type:</b>	Roadway Rehabilitation	

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
CON	NHPP		5.472								
<b>Fiscal Year Total</b>			<b>5.472</b>								
		<u>Total FY2016-2019</u>	<u>5.472</u>		<u>Total Later FY2020-2025</u>						

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

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

<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 8B
<b>Municipalities:</b>	Ewing Township; Hopewell Township	DVRPC Planning Area: Developed Community; Rural Area
<b>CIS Program Subcategory:</b>		CIS Program Category: Road Assets
<b>Project Manager:</b>	Rezaeian, Abe	Indicators of Potential Disadvantage:
<b>Mileposts:</b>	0.2-3.4	Sponsor: NJDOT
<b>Improvement Type:</b>	Roadway Rehabilitation	

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
CON	NHPP		7.640								
<b>Fiscal Year Total</b>			<b>7.640</b>								
		<u>Total FY2016-2019</u>	<u>7.640</u>		<u>Total Later FY2020-2025</u>						

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Mercer

**DB# 12430**      **Route 130, Sharon Road to Meadowbrook Road**      **NEW**

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

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 6A
Municipalities:	Washington Township; Robbinsville Township	DVRPC Planning Area: Growing Suburb
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Pennell, Ed	Indicators of Potential Disadvantage:
Mileposts:	62.4 - 64.9	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON      NHPP		4.700								
<b>Fiscal Year Total</b>		<b>4.700</b>								
	<b>Total FY2016-2019</b>			<b>4.700</b>	<b>Total Later FY2020-2025</b>					

**DB# 11309**      **Route 130, Westfield Ave. to Main Street**

**AQCODE:** S10      Initiated from the Pavement Management System, this project consists of milling, resurfacing and rehabilitating the roadway within the project limits.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 6A
Municipalities:	East Windsor Township	DVRPC Planning Area: Growing Suburb
CIS Program Subcategory:		CIS Program Category: Road Assets
Project Manager:	Hameed, Omar	Indicators of Potential Disadvantage:
Mileposts:	67.8 - 72.8	Sponsor: NJDOT
Improvement Type:	Roadway Rehabilitation	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ROW      NHPP	0.000									
DES      NHPP	0.538									
ROW      NHPP		0.100								
CON      NHPP				3.002						
<b>Fiscal Year Total</b>	<b>0.538</b>	<b>0.100</b>		<b>3.002</b>						
	<b>Total FY2016-2019</b>			<b>3.639</b>	<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Mercer

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

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

<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 1A
<b>Municipalities:</b>	Hamilton Township; Washington Township; Robbinsville Township	DVRPC Planning Area: Developed Community; Growing Suburb
<b>CIS Program Subcategory:</b>		CIS Program Category: Road Assets
<b>Project Manager:</b>	Campi, John	Indicators of Potential Disadvantage:
<b>Mileposts:</b>	0.0 - 9.25	Sponsor: NJDOT
<b>Improvement Type:</b>	Roadway Rehabilitation	

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
CON	NHPP				7.410						
<b>Fiscal Year Total</b>					7.410						
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		7.410									

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

**AQCODE:** S10      Initiated from the Drainage Management System, this study will explore drainage improvements within the project limits.

<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 4F
<b>Municipalities:</b>	Princeton Borough	DVRPC Planning Area: Developed Community
<b>CIS Program Subcategory:</b>		CIS Program Category: Road Assets
<b>Project Manager:</b>	Bousenberry	Indicators of Potential Disadvantage:
<b>Mileposts:</b>	55.7	Sponsor: NJDOT
<b>Improvement Type:</b>	Other	

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
ROW	STATE			0.050							
CON	NHPP				1.000						
<b>Fiscal Year Total</b>				0.050	1.000						
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		1.050									

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Mercer

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

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

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 4A, 8A
Municipalities:	Trenton City	DVRPC Planning Area: Core City
CIS Program Subcategory:	Bridge Preservation	CIS Program Category: Local System Support
Project Manager:	Bousenberry, Bob	Indicators of Potential Disadvantage: 7
Mileposts:	42.70	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
DES	NHPP	0.750									
CON	STATE			6.956							
<b>Fiscal Year Total</b>		<b>0.750</b>		<b>6.956</b>							
		<u>Total FY2016-2019</u>		<b>7.706</b>	<u>Total Later FY2020-2025</u>						

**DB# 95040      Route 206, Whitehorse Circle (CR 533, 524)**

**AQCODE:** S2      Initiated by the Safety Management System, this project will improve safety by constructing a roundabout to eliminate many of the conflict points, thereby reducing the number of crashes, specifically the angle crash type.

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 1A
Municipalities:	Hamilton Township	DVRPC Planning Area: Developed Community
CIS Program Subcategory:	Safety	CIS Program Category: Safety Management
Project Manager:	Birch, William	Indicators of Potential Disadvantage: 2
Mileposts:	38.81 - 39.95	Sponsor: NJDOT
Improvement Type:	Intersection/Interchange Improvements This project may be suitable for ITS treatments.	

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
CON	HSIP	4.700									
<b>Fiscal Year Total</b>		<b>4.700</b>									
		<u>Total FY2016-2019</u>		<b>4.700</b>	<u>Total Later FY2020-2025</u>						

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Mercer

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

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

<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 1A, 4A, 4B, 9B
<b>Municipalities:</b>	Hamilton Township; Lawrence Township	DVRPC Planning Area: Developed Community
<b>CIS Program Subcategory:</b>		CIS Program Category: Road Assets
<b>Project Manager:</b>	Campi, John	Indicators of Potential Disadvantage:
<b>Mileposts:</b>	60.4 - 67.5	Sponsor: NJDOT
<b>Improvement Type:</b>	Roadway Rehabilitation	

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON	NHPP					12.010					
<b>Fiscal Year Total</b>						<b>12.010</b>					
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>			<b>12.010</b>		

**DB# 16354**      **Rt. 206, Bridges over Stony Brook**

**AQCODE:** S19      The 224-year old, oldest bridge in New Jersey, Route 206 over Stony Brook (structure #1129-155), will be rehabilitated to strengthen the arches and reconstruct the spandrel walls and parapets. In late February 2016, the bridge was closed to traffic for emergency repairs due to parapet and spandrel wall failure. Upon a more in-depth inspection, areas with missing and deteriorating mortar joints were found throughout the spandrel walls and wing walls.

The 3-span concrete encased steel I-beam Route 206 over Stony Brook Flood Channel (structure #1129-154) will be replaced. No roadway widening will occur. Minor re-profiling of the road, drainage improvements, and minor utility work are anticipated. The bridge is structurally deficient and functionally obsolete due to the serious condition of the deck. Sufficiency rating was downgraded from 49.7 in 2012 to 29.5 in 2014, thus reflecting the accelerating deterioration of the bridge condition. The deck is in serious, intolerable condition; the superstructure is in poor condition; and the bridge is showing signs of scour (the removal of sediment from around bridge abutments or piers that can potentially compromise the structure's integrity). This Flood Channel Bridge is located within three historic districts: the Princeton Battlefield Addendum, the Princeton Battlefield/Stony Brook Settlement Village, and the Kings Highway Districts. Other historic structures located within project limits include the Route 206 bridge over Stony Brook (above structure), Worth's Mill Ruins (attached to the existing wing walls along the southbound side of Route 206), and the Sylvania Hunt House (located just south of the bridge on the southbound side).

<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 4E
<b>Municipalities:</b>	Princeton Borough	DVRPC Planning Area: Developed Community
<b>CIS Program Subcategory:</b>		CIS Program Category:
<b>Project Manager:</b>	Patel, Pankesh	Indicators of Potential Disadvantage:
<b>Mileposts:</b>		Sponsor: NJDOT
<b>Improvement Type:</b>	Bridge Repair/Replacement	

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON	STATE		22.050								
DES	STATE	2.500									
<b>Fiscal Year Total</b>		<b>2.500</b>	<b>22.050</b>								
		<b>Total FY2016-2019</b>		<b>24.550</b>		<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

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.
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 expects to advance construction in FY17 by encumbering \$1,000,000 STATE-DVRPC funds from 2014.

CMP:

Municipalities: Ewing Township

DVRPC Planning Area: Developed Community

CIS Program Subcategory:

CIS Program Category: Local System Support

Project Manager: Skala, Kyle

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: Mercer County

Improvement Type: Signal/ITS Improvements

**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON 14-STATE-DVRPC		7.000								
<b>Fiscal Year Total</b>		<b>7.000</b>								
	<b>Total FY2016-2019</b>			<b>7.000</b>	<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Mercer

**DB# 99362 Trenton Amtrak Bridges**

AQCODE: S19

The three Orphan Bridges carrying Chestnut Avenue, East State and Monmouth Streets over Amtrak are in poor condition. All of the bridges are structurally deficient and functionally obsolete. The bridges and approach roadways include a variety of substandard design elements, including substandard vertical and horizontal clearances, intersection sight distances and unprotected bridge girders. The City of Trenton supports the current two bridge option, which replaces East State Street and Monmouth Street Bridges. Chestnut Avenue Bridge will be removed/demolished. The two bridges will be replaced with single-span, ABC (Accelerated Bridge Construction) systems. Retaining walls are included in the project to minimize impacts to properties. Catenaries will be removed from the existing bridges and up to six new catenary structures will be constructed to reprofile the electric traction facilities.

Note: \$5.25 million (\$2.45 million 14-STATE-DVRPC/\$2.8 million 15-STATE-DVRPC) STATE-DVRPC funds have already been appropriated by the State of NJ for this project, which will be used to fund PE, DES, and ROW, accordingly:  
 \$950,000 STATE-DVRPC from 2014 for FY17 PE  
 \$1,850,000 STATE-DVRPC from 2014 (\$1,500,000) and 2015 (\$350,000) for FY18 DES  
 \$2,450,000 STATE-DVRPC from 2015 for FY18 ROW

CMP:	Not SOV Capacity Adding	Adding Subcorr(s): 4A, 9A
Municipalities:	Trenton City	DVRPC Planning Area: Core City
CIS Program Subcategory:	Bridge Preservation	CIS Program Category: Bridge Assets
Project Manager:	Campi, John	Indicators of Potential Disadvantage: 8
Mileposts:	N/A	Sponsor: NJDOT
Improvement Type:	Bridge Repair/Replacement	<b>Local Project: Y</b>

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
DES 14-STATE-DVRPC			1.500								
PE 14-STATE-DVRPC		0.950									
ROW 15-STATE-DVRPC			2.450								
DES 15-STATE-DVRPC			0.350								
CON STP-STU				4.000	4.000	4.000	4.000	4.000			
<b>Fiscal Year Total</b>		<b>0.950</b>	<b>4.300</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>			
	<b>Total FY2016-2019</b>			<b>9.250</b>	<b>Total Later FY2020-2025</b>				<b>16.000</b>		

**Total for Mercer:**

	21.679	65.685	28.602	21.012	21.996	4.100	4.900	4.100	0.900	0.100	
	<b>Total FY2016-2019</b>			<b>136.977</b>	<b>Total Later FY2018-2023</b>				<b>36.096</b>		

# DVRPC FY2016-2019 TIP for NJ

## 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.

The following projects, totaling \$20.845 M, are expected to authorize in FY17 with funds from this program in the DVRPC Highway Program:  
 Rt 42 Bridges over Lower Landing (\$10.944 M)  
 Rt 3 at Passaic River (\$0.901 M)  
 Route 130, Bridge over Doctors Creek & Crosswicks Creek (\$9 M estimate)

CMP: Not SOV Capacity Adding

Municipalities: Various  
 CIS Program Subcategory: Bridge Preservation  
 Project Manager: Hecht, Dana  
 Mileposts: N/A  
 Improvement Type: Bridge Repair/Replacement

DVRPC Planning Area:  
 CIS Program Category: Bridge Assets  
 Indicators of Potential Disadvantage:  
 Sponsor: NJDOT

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC NHPP	9.300	19.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>	<b>9.300</b>	<b>19.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>
	<u>Total FY2016-2019</u>		<u>36.300</u>		<u>Total Later FY2020-2025</u>			<u>24.000</u>		

**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  
 CIS Program Subcategory: Local Aid  
 Project Manager: Schoonmaker, Elizabeth  
 Mileposts: N/A  
 Improvement Type: Other

DVRPC Planning Area:  
 CIS Program Category: Local System Support  
 Indicators of Potential Disadvantage:  
 Sponsor: DVRPC  
**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC 14-STATE-DVRPC	0.000									
ERC 15-STATE-DVRPC	0.071									
ERC 16-STATE-DVRPC	0.000									
ERC 17-STATE-DVRPC		2.629								
ERC 18-STATE-DVRPC			12.000							
ERC STP-STU	0.000	0.000	0.000	2.139	10.981	13.181	10.981	13.181	14.781	17.181
<b>Fiscal Year Total</b>	<b>0.071</b>	<b>2.629</b>	<b>12.000</b>	<b>2.139</b>	<b>10.981</b>	<b>13.181</b>	<b>10.981</b>	<b>13.181</b>	<b>14.781</b>	<b>17.181</b>
	<u>Total FY2016-2019</u>		<u>16.839</u>		<u>Total Later FY2020-2025</u>			<u>80.288</u>		

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Various

**DB# 10347 Local Aid Consultant Services**

AQCODE: X1

Funding for consultant services to assist local public agencies in administering projects and providing oversight to recipients receiving Local Aid funds. Services also include providing overall quality assurance and quality control for the project delivery process.

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Local System Support

Project Manager: Seaman, Julie

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STP-STU		0.200		0.200		0.200		0.200		0.200
<b>Fiscal Year Total</b>		<b>0.200</b>		<b>0.200</b>		<b>0.200</b>		<b>0.200</b>		<b>0.200</b>
	<b>Total FY2016-2019</b>			<b>0.400</b>	<b>Total Later FY2020-2025</b>			<b>0.600</b>		

**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 Province Line Road Bike Trail (\$391,000 for FY16 CON, DB #D1408 - obligated in FY16) that was selected as part of the 2012 DVRPC Competitive CMAQ Program and the following projects selected as part of the 2015 DVRPC Competitive CMAQ Program: Burlink Bus Replacements (\$450,000, DB #X065 - flexed to DB #T120 in FY16), South Jersey Port Corporation Fleet Modernization Program (\$1,000,000, DB #X065 - obligated in FY17), Pedestrian Safety Enhancements along Somerdale Road (CR 678) from Burnt Mill Road (CR 670) to Echelon Road (\$515,000, DB #D1702 - obligated in FY17), Voorhees Township Senior Bus Replacement (\$110,000, DB #X065 - flexed to DB #T150 in FY16), and Princeton Township Bike Share Expansion (\$196,000, DB #D1703). This line item will also fund the DVRPC FY2017 and FY2018 Work Program project, New Jersey Regional Signal Retiming Initiative (DB #D1601), PRA phase in FY16 (\$350,000) and FY17 (\$350,000).

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: Quality of Life

CIS Program Category: Congestion Relief

Project Manager: Etz, Monica

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: Local Lead

Improvement Type: Other

**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC CMAQ	0.000	1.000	0.000	0.295	0.910	0.910	0.910	0.910	0.910	0.910
<b>Fiscal Year Total</b>	<b>0.000</b>	<b>1.000</b>	<b>0.000</b>	<b>0.295</b>	<b>0.910</b>	<b>0.910</b>	<b>0.910</b>	<b>0.910</b>	<b>0.910</b>	<b>0.910</b>
	<b>Total FY2016-2019</b>			<b>1.295</b>	<b>Total Later FY2020-2025</b>			<b>5.460</b>		

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Various

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

AQCODE: X12

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

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Tessema, Adnew

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: Local Lead

Improvement Type: Other

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC STATE	15.955	15.955	15.955	15.955	15.955	15.955	15.955	15.955	15.955	15.955
<b>Fiscal Year Total</b>	<b>15.955</b>	<b>15.955</b>	<b>15.955</b>	<b>15.955</b>	<b>15.955</b>	<b>15.955</b>	<b>15.955</b>	<b>15.955</b>	<b>15.955</b>	<b>15.955</b>
	<b>Total FY2016-2019</b>			<b>63.820</b>	<b>Total Later FY2020-2025</b>			<b>95.730</b>		

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

AQCODE: X12

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

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Abuhuzeima, Shukri

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: Local Lead

Improvement Type: Other

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC STATE	14.234	14.234	14.234	14.234	14.234	14.234	14.234	14.234	14.234	14.234
<b>Fiscal Year Total</b>	<b>14.234</b>	<b>14.234</b>	<b>14.234</b>	<b>14.234</b>	<b>14.234</b>	<b>14.234</b>	<b>14.234</b>	<b>14.234</b>	<b>14.234</b>	<b>14.234</b>
	<b>Total FY2016-2019</b>			<b>56.936</b>	<b>Total Later FY2020-2025</b>			<b>85.404</b>		

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Various

**DB# 06326 Local Project Development Support**

**AQCODE:** X1 This program provides NJDOT project management and environmental support to local governments.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Various **DVRPC Planning Area:**

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

**Project Manager:** Abuhuzeima, Shukri / Green, Elkins **Indicators of Potential Disadvantage:**

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

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

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PLS	HSIP		0.250								
PLS	STP-STU	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700
<b>Fiscal Year Total</b>		<b>0.700</b>	<b>0.950</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<b>3.050</b>				<b>4.200</b>					

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

**AQCODE:** S6 The Local Safety Program provides funds to counties and municipalities for the improvement of dangerous intersections and other road improvements, focusing on pedestrian and vehicular safety improvements of critical need that can be delivered in a relatively short period of time, generally less than two years from problem identification to completion of construction. This program also includes design assistance offered to counties and municipalities for the LSP projects. Depending upon the previous year crash history, this program may encompass certain set aside funding per year for High Risk Rural Roads, for safety countermeasures on rural major or minor roads, or on rural local roads. NJDOT designates as Advance Construction all projects funded from this program. DVRPC - CR 551 (Auburn Rd.) and CR 662 (High Hill Rd) Roundabout (\$1,000,000 HSIP FY16 CON, Gloucester County); CR 583, US 206 (Princeton Ave) and CR 645 (Brunswick Circle Extension) Roundabout (\$240,000 HSIP FY17 PE/ \$300,000 HSIP FY18 DES/\$950,000 HSIP FY19 CON, Mercer County).

**CMP:** Not SOV Capacity Adding

**Municipalities:** Various **DVRPC Planning Area:**

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

**Project Manager:** Abuhuzeima, Shukri **Indicators of Potential Disadvantage:**

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

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

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC	HSIP	2.055	3.000	3.000	3.000	3.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>		<b>2.055</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<b>11.055</b>				<b>23.000</b>					

# DVRPC FY2016-2019 TIP for NJ

## 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.

In FY16, this program will fund the following FY2017 DVRPC UPWP projects: NJ Local Concept Development Administration (\$100,000 STP-STU), Local Concept Development Projects total (\$430,000 STP-STU), in addition to the Mt. Ephraim Avenue Concept Development Study (\$300,000 HSIP), Central Jersey Transportation Forum (\$150,000 STP-STU), NJ Supportive Regional Highway Program (\$409,000 STP-STU), NJ Regional Transportation GIS Implementation/Coordination (\$350,000 STP-STU).

In FY17, this program will fund the following FY2018 DVRPC UPWP projects: NJ Local Concept Development Administration (\$100,000 STP-STU), Local Concept Development Projects (\$430,000 STP-STU), Central Jersey Transportation Forum (\$150,000 STP-STU), NJ Supportive Regional Highway Program (\$409,000 STP-STU), NJ Regional Transportation GIS Implementation/Coordination (\$350,000 STP-STU), and Enhance and Maintain Travel Forecasting Tools (\$185,600). The total cost of all projects \$1,726,850 (\$1,624,600 STP-STU/\$102,250 SILOC).

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Etz, Monica

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: MPO

Improvement Type: Other

**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
PLS HSIP	0.300										
PLS PL	2.244	2.244	2.244	2.244	2.244	2.244	2.244	2.244	2.244	2.244	
PLS PL-FTA	0.773	0.773	0.773	0.773	0.773	0.773	0.773	0.773	0.773	0.773	
PLS STP-STU	1.440	1.625	1.572	1.572	1.572	1.572	1.572	1.572	1.572	1.572	
<b>Fiscal Year Total</b>	<b>4.757</b>	<b>4.642</b>	<b>4.589</b>	<b>4.589</b>	<b>4.589</b>	<b>4.589</b>	<b>4.589</b>	<b>4.589</b>	<b>4.589</b>	<b>4.589</b>	
	<b>Total FY2016-2019</b>			<b>18.576</b>	<b>Total Later FY2020-2025</b>				<b>27.532</b>		

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Various

**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.

Counties: Burlington, Camden, Gloucester, Mercer, and City of Trenton

CMP: Not SOV Capacity Adding

Municipalities: Various  
 CIS Program Subcategory: DVRPC Planning Area: Congestion Relief  
 Project Manager: Matkowski, Laurie  
 Mileposts: Sponsor: DVRPC  
 Improvement Type: Signal/ITS Improvements  
 This project may be suitable for ITS treatments. **Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PRA CMAQ	0.350	0.350								
<b>Fiscal Year Total</b>	<b>0.350</b>	<b>0.350</b>								
	<b>Total FY2016-2019</b>		<b>0.700</b>		<b>Total Later FY2020-2025</b>					

**DB# D1602 NJ Regional Curve Inventory and Safety Assessment**

AQCODE: S6

This project will determine which highways in the New Jersey sub-region are subject to the MUTCD horizontal curve warning sign requirement, centrally contract with a vendor to perform a field study compliant with engineering practices recommended in the MUTCD, and deliver implementation recommendations from that study to counties and cities in the DVRPC (FY16: \$500,000 STP-STU) and SJTPO/DVRPC (FY17: \$500,000 HSIP) New Jersey sub-regions. If applicable, counties and cities will promulgate recommendations to their municipalities.

The 2009 edition of the Manual of Uniform Traffic Control Devices (MUTCD) requires that horizontal curve warning signs be updated by December 31, 2019 to reflect new standards, which are more consistent with safe drivers' actual behavior than the original standards promulgated in 1947. To enact this requirement, NJDOT is requiring counties to study highways under county jurisdiction that are included in the enhanced National Highway System. However, the new MUTCD requirement applies to all roads classed as collector or above with ADT greater than 1000, which extends considerably beyond the enhanced NHS to include other highways under county and local jurisdiction. Noncompliance with the new standard may create driver confusion and open local agencies to costly liability claims.

CMP: Not SOV Capacity Adding

Municipalities: Various  
 CIS Program Subcategory: Local System Support  
 Project Manager: Coscia, Jr., John  
 Mileposts: Sponsor: DVRPC  
 Improvement Type: Intersection/Interchange Improvements **Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PLS HSIP		0.500								
PLS STP-STU	0.500									
<b>Fiscal Year Total</b>	<b>0.500</b>	<b>0.500</b>								
	<b>Total FY2016-2019</b>		<b>1.000</b>		<b>Total Later FY2020-2025</b>					

# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Various

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

AQCODE: A1

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

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: Quality of Life

CIS Program Category: Congestion Relief

Project Manager: Mike Boyer

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: DVRPC

Improvement Type: Other

Local Project: Y

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)							
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		
EC	CMAQ	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040		
<b>Fiscal Year Total</b>		<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>	<b>0.040</b>		
		<u>Total FY2016-2019</u>				0.160		<u>Total Later FY2020-2025</u>				0.240	

**DB# X51A Pavement Preservation, DVRPC**

AQCODE: S10

This program will allow NJDOT to accomplish eligible federal pavement preservation activities in the DVRPC region 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. This project is currently anticipated to be only for FFY 2017, due to the volume of FFY 2017 Pavement Preservation Contracts in the DVRPC region.

The following locations that would originally benefit from this program in FY17 would be funded with FY17 STATE Supplemental Appropriations, estimated to cost \$37.5 million total:

1. Rt 68, Mt Pleasant Rd to Aaronson Rd in Burlington County
2. Rt 295, Rt 168 to CR 537 (Marne Highway) in Burlington and Camden Counties
3. Rt 95M/295, Lower Ferry Rd (CR 643) to Ramp to Rt 1 in Mercer County

The \$4,110,000 NHPP funds will remain in FY17 in case there are other pavement projects in the DVRPC region ready to advance for FY17 authorization.

CMP: Roadway Rehabilitation

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category:

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJDOT

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)							
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025		
EC	NHPP		4.110										
<b>Fiscal Year Total</b>			<b>4.110</b>										
		<u>Total FY2016-2019</u>				4.110		<u>Total Later FY2020-2025</u>					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Highway Program

Final Version

## Various

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

AQCODE: S1

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

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: Safety

CIS Program Category: Safety Management

Project Manager: Hirt, Todd

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

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

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Phase	Fund										
EC	STP	1.400									
EC	RHC	1.400	2.800	2.800	2.800	3.000	3.000	3.200	3.200	3.400	3.400
<b>Fiscal Year Total</b>		<b>2.800</b>	<b>2.800</b>	<b>2.800</b>	<b>2.800</b>	<b>3.000</b>	<b>3.000</b>	<b>3.200</b>	<b>3.200</b>	<b>3.400</b>	<b>3.400</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>11.200</i>				<i>19.200</i>					



# DVRPC FY2016-2019 TIP for NJ

## New Jersey Highway Program

Final Version

### Various

**DB# 99327A Resurfacing, Federal**

AQCODE: S10

This program provides for the design and construction of pavement resurfacing projects. This line item will be utilized to provide pavement recommendations, survey, aerial photography, photogrammetry, base mapping and engineering needed to prepare contract documents to advertise resurfacing projects as well as provide for contractor services to construct resurfacing projects. Project lists will be developed by using the Pavement Management System and visual inspection of the roadway segments in need of repair. This line item also funds preliminary engineering for pavement reconstruction projects.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: Roadway Preservation  
 Project Manager: Gresavage, Sue  
 Mileposts: N/A  
 Improvement Type: Roadway Rehabilitation

DVRPC Planning Area:  
 CIS Program Category: Road Assets  
 Indicators of Potential Disadvantage:  
 Sponsor: NJDOT

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC NHPP			15.000	15.000	15.000	15.000	15.000	30.000	30.000	30.000
<b>Fiscal Year Total</b>			<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>30.000</b>	<b>30.000</b>	<b>30.000</b>
	<b>Total FY2016-2019</b>		<b>30.000</b>		<b>Total Later FY2020-2025</b>			<b>135.000</b>		

**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  
 CIS Program Subcategory: Quality of Life  
 Project Manager: Mike Boyer  
 Mileposts: N/A  
 Improvement Type: Other

DVRPC Planning Area:  
 CIS Program Category: Congestion Relief  
 Indicators of Potential Disadvantage:  
 Sponsor: DVRPC  
**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC CMAQ	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
<b>Fiscal Year Total</b>	<b>0.050</b>	<b>0.050</b>	<b>0.050</b>	<b>0.050</b>	<b>0.050</b>	<b>0.050</b>	<b>0.050</b>	<b>0.050</b>	<b>0.050</b>	<b>0.050</b>
	<b>Total FY2016-2019</b>		<b>0.200</b>		<b>Total Later FY2020-2025</b>			<b>0.300</b>		

# DVRPC FY2016-2019 TIP for NJ

## 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.

The New Jersey Transportation Alternative program (TAP) is a competitive federal program established to provide funds for community based "non traditional" surface transportation projects designed to strengthen the cultural, aesthetic, and environmental aspects of the nation's intermodal system. In June 2017, approximately \$5.0 million in funding were awarded to the following projects in the DVRPC region:

- City of Camden's North Camden Waterfront Park Development Project (\$825,000)
- Mount Holly Township's Mount Holly Streetscape Project - High Street Phase II (\$483,000)
- Merchantville Borough's Merchantville Pedestrian Street (\$861,000)
- Hopewell Township's Proposed Mt. Rose Segment of Lawrence Hopewell Trail (\$1,000,000)
- Moorestown Township's Lenola Town Center Improvements Plan (\$971,000)
- Camden County Grove Street Trail Connector (\$255,000)
- Pennington Borough's Downtown Streetscape Improvements Phase II (\$580,000)

These projects will draw from the Statewide TAP line item (DB# X107) at the appropriate time for obligation.

CMP: Not SOV Capacity Adding

Municipalities:

CIS Program Subcategory: Quality of Life

Project Manager: Abuhuzeima, Shukri

Mileposts: N/A

Improvement Type: Streetscape

DVRPC Planning Area:

CIS Program Category: Local System Support

Indicators of Potential Disadvantage:

Sponsor: NJDOT

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
ERC TAP	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	1.501	
<b>Fiscal Year Total</b>	<b>1.501</b>	<b>1.501</b>	<b>1.501</b>	<b>1.501</b>	<b>1.501</b>	<b>1.501</b>	<b>1.501</b>	<b>1.501</b>	<b>1.501</b>	<b>1.501</b>	
<b>Total FY2016-2019</b>				<b>6.004</b>	<b>Total Later FY2020-2025</b>						<b>9.006</b>

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

AQCODE: X3

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

CMP: Not SOV Capacity Adding

Municipalities: Various

CIS Program Subcategory: Local Aid

Project Manager: Schoonmaker, Elizabeth

Mileposts: N/A

Improvement Type: Other

DVRPC Planning Area:

CIS Program Category: Local System Support

Indicators of Potential Disadvantage:

Sponsor: DVRPC

Local Project: Y

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
EC STP-STU	0.680	0.080	0.680	0.080	0.680	0.080	0.680	0.080	0.680	0.080	
<b>Fiscal Year Total</b>	<b>0.680</b>	<b>0.080</b>	<b>0.680</b>	<b>0.080</b>	<b>0.680</b>	<b>0.080</b>	<b>0.680</b>	<b>0.080</b>	<b>0.680</b>	<b>0.080</b>	
<b>Total FY2016-2019</b>				<b>1.520</b>	<b>Total Later FY2020-2025</b>						<b>2.280</b>

# DVRPC FY2016-2019 TIP for NJ

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  
 CIS Program Subcategory: Various  
 Project Manager: Various  
 Mileposts: N/A  
 Improvement Type: Other

DVRPC Planning Area:  
 CIS Program Category: Congestion Relief  
 Indicators of Potential Disadvantage:  
 Sponsor: NJDOT  
**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STP-STU	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
<b>Fiscal Year Total</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>
	<u>Total FY2016-2019</u>			<i>8.000</i>	<u>Total Later FY2020-2025</u>			<i>12.000</i>		

### 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. This project was formerly known as RIMIS - Phase II Implementation. For the FY18 UPWP, total cost is \$233,375.

CMP: Not SOV Capacity Adding

Municipalities: Various  
 CIS Program Subcategory: Congestion Relief  
 Project Manager: Ward, John  
 Mileposts: N/A  
 Improvement Type: Signal/ITS Improvements  
 This project contains ITS elements.

DVRPC Planning Area:  
 CIS Program Category: Congestion Relief  
 Indicators of Potential Disadvantage:  
 Sponsor: DVRPC  
**Local Project: Y**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STP-STU	0.234	0.234	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221
<b>Fiscal Year Total</b>	<b>0.234</b>	<b>0.234</b>	<b>0.221</b>	<b>0.221</b>	<b>0.221</b>	<b>0.221</b>	<b>0.221</b>	<b>0.221</b>	<b>0.221</b>	<b>0.221</b>
	<u>Total FY2016-2019</u>			<i>0.910</i>	<u>Total Later FY2020-2025</u>			<i>1.326</i>		

Total for Various:

55.227	73.375	76.770	66.804	76.861	79.661	78.061	94.861	97.061	99.061
<u>Total FY2016-2019</u>			<i>272.175</i>	<u>Total Later FY2018-2023</u>			<i>525.566</i>		



# REGIONAL TRANSIT PROGRAM

New Jersey Transit (NJ TRANSIT)

DVRPC FY2016-2019 TIP  
for New Jersey

# DVRPC FY2016-2019 TIP for NJ

New Jersey Transit Program

Final Version

## NJ TRANSIT

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

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Bridge Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
ERC	STATE	0.997	0.880	0.998	1.441	1.441	1.441	1.441	1.441	1.677	1.677
<b>Fiscal Year Total</b>		<b>0.997</b>	<b>0.880</b>	<b>0.998</b>	<b>1.441</b>	<b>1.441</b>	<b>1.441</b>	<b>1.441</b>	<b>1.441</b>	<b>1.677</b>	<b>1.677</b>
		<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
		4.316				9.118					

### DB# T32 Building Capital Leases

AQCODE: M1

Funding is provided for capital improvements and lease payment obligations at NJ TRANSIT operating and office installations. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: System Management

CIS Program Category: Transportation Support Facilities

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
CAP	STATE	1.311	1.311								
<b>Fiscal Year Total</b>		<b>1.311</b>	<b>1.311</b>								
		<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
		2.622									

# DVRPC FY2016-2019 TIP for NJ

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## 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 2014, NJ TRANSIT operated a fleet of just over 2200 buses. 275 buses (12.2%) 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 92 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

CIS Program Subcategory: System Preservation

Project Manager:

Mileposts:

Improvement Type: Transit Improvements

This project may be suitable for ITS treatments.

DVRPC Planning Area:

CIS Program Category: Mass Transit Assets

Indicators of Potential Disadvantage:

Sponsor: NJ TRANSIT

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CAP 5307		16.137								
CAP 5339	1.014	1.273								
CAP STATE	14.836	26.972	25.794	25.046	22.935	24.563	24.581	34.191	30.360	30.360
<b>Fiscal Year Total</b>	<b>15.850</b>	<b>44.382</b>	<b>25.794</b>	<b>25.046</b>	<b>22.935</b>	<b>24.563</b>	<b>24.581</b>	<b>34.191</b>	<b>30.360</b>	<b>30.360</b>
	<b>Total FY2016-2019</b>		<b>111.072</b>		<b>Total Later FY2020-2025</b>			<b>166.990</b>		

# DVRPC FY2016-2019 TIP for NJ

New Jersey Transit Program

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## NJ TRANSIT

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

AQCODE: R6

This program provides funds for the bus park and ride program, improvements to bus passenger facilities and the purchase and installation of bus stop signs and shelters systemwide.

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

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC STATE	0.184	0.180	0.184	0.184	0.184	0.184	0.184	0.184	0.184	0.184
<b>Fiscal Year Total</b>	<b>0.184</b>	<b>0.180</b>	<b>0.184</b>	<b>0.184</b>	<b>0.184</b>	<b>0.184</b>	<b>0.184</b>	<b>0.184</b>	<b>0.184</b>	<b>0.184</b>
	<b>Total FY2016-2019</b>			<b>0.732</b>	<b>Total Later FY2020-2025</b>			<b>1.104</b>		

### DB# T08 Bus Support Facilities and Equipment

AQCODE: M5

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 2014, NJ TRANSIT operated a fleet of just over 2200 buses. 275 buses (12.2%) 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 92 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

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC SECT 5339/5307			2.800	2.800	2.800	2.800	2.800	2.800		
ERC STATE	1.264	0.558	0.558	1.478	1.478	1.478	1.478	1.478	1.478	1.478
<b>Fiscal Year Total</b>	<b>1.264</b>	<b>0.558</b>	<b>3.358</b>	<b>4.278</b>	<b>4.278</b>	<b>4.278</b>	<b>4.278</b>	<b>4.278</b>	<b>1.478</b>	<b>1.478</b>
	<b>Total FY2016-2019</b>			<b>9.458</b>	<b>Total Later FY2020-2025</b>			<b>20.068</b>		

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## NJ TRANSIT

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

AQCODE: M5

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 2014, NJ TRANSIT operated a fleet of just over 2200 buses. 275 buses (12.2%) 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 92 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

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STATE	0.184	0.290		8.027	8.027	8.027	8.027	8.027	8.027	8.027
<b>Fiscal Year Total</b>	<b>0.184</b>	<b>0.290</b>		<b>8.027</b>	<b>8.027</b>	<b>8.027</b>	<b>8.027</b>	<b>8.027</b>	<b>8.027</b>	<b>8.027</b>
	<b>Total FY2016-2019</b>			<b>8.501</b>	<b>Total Later FY2020-2025</b>			<b>48.162</b>		

### DB# T68 Capital Program Implementation

AQCODE: M1

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

DVRPC Planning Area:

CIS Program Subcategory: System Management

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC STATE	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938
<b>Fiscal Year Total</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>	<b>4.938</b>
	<b>Total FY2016-2019</b>			<b>19.752</b>	<b>Total Later FY2020-2025</b>			<b>29.628</b>		

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New Jersey Transit Program

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## NJ TRANSIT

**DB# T515 Casino Revenue Fund**

AQCODE: M1

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

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

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Local System Support

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CAP CASINO REVENUE	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329	4.329
<b>Fiscal Year Total</b>	<b>4.329</b>	<b>4.329</b>	<b>4.329</b>	<b>4.329</b>	<b>4.329</b>	<b>4.329</b>	<b>4.329</b>	<b>4.329</b>	<b>4.329</b>	<b>4.329</b>
	<b>Total FY2016-2019</b>			<b>17.317</b>	<b>Total Later FY2020-2025</b>			<b>25.975</b>		

**DB# T13 Claims support**

AQCODE: M1

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

DVRPC Planning Area:

CIS Program Subcategory: System Management

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STATE	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460	0.460
<b>Fiscal Year Total</b>	<b>0.460</b>	<b>0.460</b>	<b>0.460</b>	<b>0.460</b>	<b>0.460</b>	<b>0.460</b>	<b>0.460</b>	<b>0.460</b>	<b>0.460</b>	<b>0.460</b>
	<b>Total FY2016-2019</b>			<b>1.840</b>	<b>Total Later FY2020-2025</b>			<b>2.760</b>		

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## NJ TRANSIT

### DB# T16 Environmental Compliance

AQCODE: M1

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

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
ERC	STATE	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690
<b>Fiscal Year Total</b>		<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>	<b>0.690</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<b>2.760</b>				<b>4.140</b>					

### DB# T20 Immediate Action Program

AQCODE: M1

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

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
ERC	STATE	4.161	3.170	2.420	2.474	2.529	2.586	2.646	2.646	3.106	3.106
<b>Fiscal Year Total</b>		<b>4.161</b>	<b>3.170</b>	<b>2.420</b>	<b>2.474</b>	<b>2.529</b>	<b>2.586</b>	<b>2.646</b>	<b>2.646</b>	<b>3.106</b>	<b>3.106</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<b>12.225</b>				<b>16.619</b>					

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## NJ TRANSIT

### DB# T199 Job Access and Reverse Commute Program

AQCODE: 20170

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

DVRPC Planning Area:

CIS Program Subcategory: System Expansion

CIS Program Category: Local System Support

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
SWI MATCH	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	
SWI OPER	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	0.989	
<b>Fiscal Year Total</b>	<b>1.978</b>	<b>1.978</b>	<b>1.978</b>	<b>1.978</b>	<b>1.978</b>	<b>1.978</b>	<b>1.978</b>	<b>1.978</b>	<b>1.978</b>	<b>1.978</b>	
<b>Total FY2016-2019</b>				<b>7.912</b>	<b>Total Later FY2020-2025</b>						<b>11.868</b>

### DB# T95 Light Rail Infrastructure Improvements

AQCODE: M5

Funding is provided for Light Rail improvements including, but not limited to, communication systems upgrade, accessibility improvements, vehicle and facility improvements, and other infrastructure rehabilitation improvements. 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:

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
ERC STATE	3.250	2.000	2.000	2.300	2.300	2.300	2.300	2.300	2.300	2.300	
<b>Fiscal Year Total</b>	<b>3.250</b>	<b>2.000</b>	<b>2.000</b>	<b>2.300</b>	<b>2.300</b>	<b>2.300</b>	<b>2.300</b>	<b>2.300</b>	<b>2.300</b>	<b>2.300</b>	
<b>Total FY2016-2019</b>				<b>9.550</b>	<b>Total Later FY2020-2025</b>						<b>13.800</b>

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## 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

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CAP STATE	1.358	1.704	0.296	0.296	0.296	0.296	0.296	0.296	0.296	0.296
<b>Fiscal Year Total</b>	<b>1.358</b>	<b>1.704</b>	<b>0.296</b>	<b>0.296</b>	<b>0.296</b>	<b>0.296</b>	<b>0.296</b>	<b>0.296</b>	<b>0.296</b>	<b>0.296</b>
	<b>Total FY2016-2019</b>			<b>3.654</b>	<b>Total Later FY2020-2025</b>			<b>1.776</b>		

**DB# T122 Miscellaneous**

AQCODE: M1

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

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: System Management

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC STATE	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115
<b>Fiscal Year Total</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>	<b>0.115</b>
	<b>Total FY2016-2019</b>			<b>0.460</b>	<b>Total Later FY2020-2025</b>			<b>0.690</b>		

# DVRPC FY2016-2019 TIP for NJ

New Jersey Transit Program

Final Version

## NJ TRANSIT

### DB# T44 NEC Improvements

AQCODE: M1

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 2014, average weekday ridership on the Northeast Corridor was 118,600 passenger boardings per day. 2014 Average Weekday Passenger Boardings for the following stations in the DVRPC region were as follows: 4,536 at Trenton Station; 5,195 at Hamilton Station; 829 at Princeton Station; 6,799 at Princeton Junction.

CMP: Not SOV Capacity Adding

Municipalities: Various

CIS Program Subcategory: System Preservation

Project Manager:

Mileposts:

Improvement Type: Transit Improvements

This project may be suitable for ITS treatments.

DVRPC Planning Area:

CIS Program Category: Mass Transit Assets

Indicators of Potential Disadvantage:

Sponsor: NJ TRANSIT

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
ERC STATE	1.700	6.400	3.000	2.750	9.750	9.750	9.750	9.750	9.750	9.750	
<b>Fiscal Year Total</b>	<b>1.700</b>	<b>6.400</b>	<b>3.000</b>	<b>2.750</b>	<b>9.750</b>	<b>9.750</b>	<b>9.750</b>	<b>9.750</b>	<b>9.750</b>	<b>9.750</b>	
<b>Total FY2016-2019</b>				<b>13.850</b>	<b>Total Later FY2020-2025</b>						<b>58.500</b>

### 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

CIS Program Subcategory: System Preservation

Project Manager:

Mileposts:

Improvement Type: Transit Improvements

This project may be suitable for ITS treatments.

DVRPC Planning Area:

CIS Program Category: Mass Transit Assets

Indicators of Potential Disadvantage: 8

Sponsor: NJ TRANSIT

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
ERC STATE	0.165	0.160	0.164	2.508	2.508	2.508	2.508	2.508	2.508	2.508	
<b>Fiscal Year Total</b>	<b>0.165</b>	<b>0.160</b>	<b>0.164</b>	<b>2.508</b>	<b>2.508</b>	<b>2.508</b>	<b>2.508</b>	<b>2.508</b>	<b>2.508</b>	<b>2.508</b>	
<b>Total FY2016-2019</b>				<b>2.997</b>	<b>Total Later FY2020-2025</b>						<b>15.048</b>

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## New Jersey Transit Program

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### NJ TRANSIT

#### 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

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Transportation Support Facilities

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase</b>	<b>Fund</b>										
ERC	Sect 5307		6.788								
ERC	STATE	0.383	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384
<b>Fiscal Year Total</b>		<b>0.383</b>	<b>7.172</b>	<b>0.384</b>	<b>0.384</b>	<b>0.384</b>	<b>0.384</b>	<b>0.384</b>	<b>0.384</b>	<b>0.384</b>	<b>0.384</b>
		<u>Total FY2016-2019</u>		<u>8.323</u>		<u>Total Later FY2020-2025</u>			<u>2.304</u>		

#### 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 2014, NJ TRANSIT operated a fleet of just over 2200 buses. 275 buses (12.2%) 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 92 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

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase</b>	<b>Fund</b>										
CAP	SECT 5337		5.015								
CAP	SECT 5307	42.150	38.500	38.324	37.403	37.403	37.402	37.403	37.403	28.123	28.123
CAP	STP-STU	8.000	11.500	12.000							
<b>Fiscal Year Total</b>		<b>50.150</b>	<b>55.015</b>	<b>50.324</b>	<b>37.403</b>	<b>37.403</b>	<b>37.402</b>	<b>37.403</b>	<b>37.403</b>	<b>28.123</b>	<b>28.123</b>
		<u>Total FY2016-2019</u>		<u>192.892</u>		<u>Total Later FY2020-2025</u>			<u>205.857</u>		

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## 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 2014, average weekday ridership on the Northeast Corridor was 118,600 passenger boardings per day. 2014 Average Weekday Passenger Boardings for the following stations in the DVRPC region were as follows: 4,536 at Trenton Station; 5,195 at Hamilton Station; 829 at Princeton Station; 6,799 at Princeton Junction.

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CAP SECT 5307	1.410	6.290	4.688	4.684	4.684	4.684	4.684	4.684	3.203	3.203
CAP SECT 5337	0.639	17.761	13.600	13.600	13.600	13.600	13.600	13.600	9.200	9.200
<b>Fiscal Year Total</b>	<b>2.049</b>	<b>24.051</b>	<b>18.288</b>	<b>18.284</b>	<b>18.284</b>	<b>18.284</b>	<b>18.284</b>	<b>18.284</b>	<b>12.403</b>	<b>12.403</b>
<b>Total FY2016-2019</b>			<b>62.672</b>	<b>Total Later FY2020-2025</b>				<b>97.942</b>		

### 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. Expenditures are for costs of projects in specific years only.

In 2014, average weekday ridership on the Northeast Corridor was 118,600 passenger boardings per day. 2014 Average Weekday Passenger Boardings for the following stations in the DVRPC region were as follows: 4,536 at Trenton Station; 5,195 at Hamilton Station; 829 at Princeton Station; 6,799 at Princeton Junction.

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CAP STATE				3.744	3.744	3.744	3.744	3.744	3.744	3.744
<b>Fiscal Year Total</b>				<b>3.744</b>	<b>3.744</b>	<b>3.744</b>	<b>3.744</b>	<b>3.744</b>	<b>3.744</b>	<b>3.744</b>
<b>Total FY2016-2019</b>			<b>3.744</b>	<b>Total Later FY2020-2025</b>				<b>22.464</b>		

# DVRPC FY2016-2019 TIP for NJ

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### 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. 199.10

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
CAP	STATE	0.899	0.058	0.878	0.058	0.058	0.058	0.058	0.058	2.461	2.461
<b>Fiscal Year Total</b>		<b>0.899</b>	<b>0.058</b>	<b>0.878</b>	<b>0.058</b>	<b>0.058</b>	<b>0.058</b>	<b>0.058</b>	<b>0.058</b>	<b>2.461</b>	<b>2.461</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<b>1.893</b>				<b>5.154</b>					

**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

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
CAP	CMAQ									7.500	7.500
CAP	SECT 5307	0.000	25.667	2.790	2.787	2.788	2.786	1.225		7.500	7.500
CAP	STATE	0.758	0.639	0.725	0.561	2.709	9.063	9.327	8.263	5.063	5.063
<b>Fiscal Year Total</b>		<b>0.758</b>	<b>26.306</b>	<b>3.515</b>	<b>3.348</b>	<b>5.497</b>	<b>11.849</b>	<b>10.552</b>	<b>8.263</b>	<b>20.063</b>	<b>20.063</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<b>33.928</b>				<b>76.287</b>					

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New Jersey Transit Program

Final Version

## NJ TRANSIT

### DB# T37 Rail Support Facilities and Equipment

AQCODE: M9

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

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage: 7

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC	SECT 5307				1.303	1.303	1.303	2.033	3.258		
ERC	STATE	0.215	0.208	2.792	2.478	5.081	3.604	1.810	0.579	0.225	0.225
<b>Fiscal Year Total</b>		<b>0.215</b>	<b>0.208</b>	<b>2.792</b>	<b>3.781</b>	<b>6.384</b>	<b>4.907</b>	<b>3.843</b>	<b>3.837</b>	<b>0.225</b>	<b>0.225</b>
<b>Total FY2016-2019</b>				<b>6.996</b>		<b>Total Later FY2020-2025</b>				<b>19.421</b>	

### DB# T107 River LINE LRT

AQCODE: M1

This element provides funding for the River LINE LRT project from Camden to Trenton for annual EDA debt service payments required until FY19. Project cost of the River LINE is \$1.0 billion. This project is funded under the provisions of Section 13 of P.L. 1995, c. 108.

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage: 6

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC	STATE	51.228	50.616	49.982	41.345						
<b>Fiscal Year Total</b>		<b>51.228</b>	<b>50.616</b>	<b>49.982</b>	<b>41.345</b>						
<b>Total FY2016-2019</b>				<b>193.171</b>		<b>Total Later FY2020-2025</b>					

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## NJ TRANSIT

### DB# T701 River LINE Tier 4 Engine Retrofit Project

AQCODE: M3

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.

The River LINE is NJ TRANSIT's only diesel light rail line and is a 34-mile (55 km) light rail service. It is used by over 2.8 million passengers a year.

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category:

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CAP	CMAQ	7.500	6.500								
<b>Fiscal Year Total</b>		<b>7.500</b>	<b>6.500</b>								
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		14.000									

### 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

DVRPC Planning Area:

CIS Program Subcategory: System Management

CIS Program Category: Local System Support

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CAP	CMAQ	0.180									
CAP	CMAQ 5310		0.280								
CAP	CMAQ/5310	0.396									
CAP	MATCH	0.880	0.880	0.879	0.879	0.879	0.879	0.879	0.879	0.879	0.879
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	0.230	0.863							0.345	0.345
<b>Fiscal Year Total</b>		<b>3.342</b>	<b>3.679</b>	<b>2.535</b>	<b>2.535</b>	<b>2.535</b>	<b>2.535</b>	<b>2.535</b>	<b>2.535</b>	<b>2.880</b>	<b>2.880</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		12.091				15.900					

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### 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 **DVRPC Planning Area:**

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

**Project Manager:** **Indicators of Potential Disadvantage:**

**Mileposts:** **Sponsor:** NJ TRANSIT

**Improvement Type:** Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
CAP MATCH	0.966	0.966	0.966	0.966	0.966	0.966	0.966	0.966	0.966	0.966	
CAP SECT 5311	0.966	0.966	0.966	0.966	0.966	0.966	0.966	0.966	0.966	0.966	
<b>Fiscal Year Total</b>	<b>1.932</b>	<b>1.932</b>	<b>1.932</b>	<b>1.932</b>	<b>1.932</b>	<b>1.932</b>	<b>1.932</b>	<b>1.932</b>	<b>1.932</b>	<b>1.932</b>	
<b>Total FY2016-2019</b>				<b>7.728</b>	<b>Total Later FY2020-2025</b>				<b>11.592</b>		

#### DB# T508 Security Improvements

**AQCODE:** M1 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 **DVRPC Planning Area:**

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

**Project Manager:** **Indicators of Potential Disadvantage:**

**Mileposts:** **Sponsor:** NJ TRANSIT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
SWI STATE	0.599	0.599	0.599	0.599	0.599	0.599	0.599	0.599	0.600	0.600	
<b>Fiscal Year Total</b>	<b>0.599</b>	<b>0.599</b>	<b>0.599</b>	<b>0.599</b>	<b>0.599</b>	<b>0.599</b>	<b>0.599</b>	<b>0.599</b>	<b>0.600</b>	<b>0.600</b>	
<b>Total FY2016-2019</b>				<b>2.396</b>	<b>Total Later FY2020-2025</b>				<b>3.596</b>		

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## 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

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC STATE	1.639	3.396	0.173	0.643	0.643	0.643	0.643	0.643	0.644	0.644
<b>Fiscal Year Total</b>	<b>1.639</b>	<b>3.396</b>	<b>0.173</b>	<b>0.643</b>	<b>0.643</b>	<b>0.643</b>	<b>0.643</b>	<b>0.643</b>	<b>0.644</b>	<b>0.644</b>
	<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
	<b>5.851</b>				<b>3.860</b>					

### 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

DVRPC Planning Area:

CIS Program Subcategory: System Management

CIS Program Category: Local System Support

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC CMAQ	0.590									
EC CMAQ/5307		1.085								
EC SECT 5307	0.100									
EC CMAQ/5307	0.000									
EC SECT 5307		0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
EC STATE	0.316	1.926	1.926	1.926	1.926	0.316	0.316	0.316	0.316	0.316
<b>Fiscal Year Total</b>	<b>1.006</b>	<b>3.111</b>	<b>2.026</b>	<b>2.026</b>	<b>2.026</b>	<b>0.416</b>	<b>0.416</b>	<b>0.416</b>	<b>0.416</b>	<b>0.416</b>
	<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
	<b>8.169</b>				<b>4.106</b>					

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New Jersey Transit Program

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## 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 DVRPC Planning Area:  
 CIS Program Subcategory: Study & Development CIS Program Category: Congestion Relief  
 Project Manager: Indicators of Potential Disadvantage:  
 Mileposts: Sponsor: NJ TRANSIT  
 Improvement Type: Transit Improvements  
 This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
PLS STATE	1.057	0.999	0.996	0.996	0.996	0.996	0.996	0.996	0.998	0.998	
<b>Fiscal Year Total</b>	<b>1.057</b>	<b>0.999</b>	<b>0.996</b>	<b>0.996</b>	<b>0.996</b>	<b>0.996</b>	<b>0.996</b>	<b>0.996</b>	<b>0.998</b>	<b>0.998</b>	
<b>Total FY2016-2019</b>				<b>4.048</b>	<b>Total Later FY2020-2025</b>						<b>5.980</b>

### DB# T500 Technology Improvements

AQCODE: M5

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 DVRPC Planning Area:  
 Municipalities: Various CIS Program Category: Mass Transit Assets  
 CIS Program Subcategory: System Management Indicators of Potential Disadvantage:  
 Project Manager: Sponsor: NJ TRANSIT  
 Mileposts:  
 Improvement Type: Transit Improvements  
 This project contains ITS elements.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
EC STATE	9.310	1.690	5.749	5.600	5.600	5.600	6.060	6.060	6.290	6.290	
<b>Fiscal Year Total</b>	<b>9.310</b>	<b>1.690</b>	<b>5.749</b>	<b>5.600</b>	<b>5.600</b>	<b>5.600</b>	<b>6.060</b>	<b>6.060</b>	<b>6.290</b>	<b>6.290</b>	
<b>Total FY2016-2019</b>				<b>22.349</b>	<b>Total Later FY2020-2025</b>						<b>35.900</b>

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## 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

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC SECT 5307			0.199	0.163	0.162	0.165	0.996	0.996	1.054	1.054
ERC STATE	1.055	1.055	0.797	0.832	0.833	0.830				
<b>Fiscal Year Total</b>	<b>1.055</b>	<b>1.055</b>	<b>0.996</b>	<b>0.995</b>	<b>0.995</b>	<b>0.995</b>	<b>0.996</b>	<b>0.996</b>	<b>1.054</b>	<b>1.054</b>
<b>Total FY2016-2019</b>			<b>4.101</b>		<b>Total Later FY2020-2025</b>				<b>6.090</b>	

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

AQCODE: M8

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

DVRPC Planning Area:

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CAP SECT 5339/5307	0.650									
ERC SECT 5307-TAP	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161
ERC SECT 5339/5307		0.650							0.414	0.414
<b>Fiscal Year Total</b>	<b>0.811</b>	<b>0.811</b>	<b>0.161</b>	<b>0.161</b>	<b>0.161</b>	<b>0.161</b>	<b>0.161</b>	<b>0.161</b>	<b>0.575</b>	<b>0.575</b>
<b>Total FY2016-2019</b>			<b>1.944</b>		<b>Total Later FY2020-2025</b>				<b>1.794</b>	

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## NJ TRANSIT

DB# T300

### Transit Rail Initiatives

AQCODE: X1

This program provides funding for transit expansion projects, including 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; 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

DVRPC Planning Area:

CIS Program Subcategory: System Expansion

CIS Program Category: Congestion Relief

Project Manager:

Indicators of Potential Disadvantage: 6

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC STATE	0.058	0.058	0.287	1.207	1.207	1.207	1.207	1.207	0.057	0.057
<b>Fiscal Year Total</b>	<b>0.058</b>	<b>0.058</b>	<b>0.287</b>	<b>1.207</b>	<b>1.207</b>	<b>1.207</b>	<b>1.207</b>	<b>1.207</b>	<b>0.057</b>	<b>0.057</b>
<b>Total FY2016-2019</b>				<b>1.610</b>	<b>Total Later FY2020-2025</b>				<b>4.942</b>	

Total for Various:

176.925	260.800	192.341	186.855	155.206	160.155	158.334	165.649	155.045	155.045	
<b>Total FY2016-2019</b>				<b>816.921</b>	<b>Total Later FY2018-2023</b>				<b>949.435</b>	



# REGIONAL TRANSIT PROGRAM

Delaware River Port Authority/  
Port Authority Transit Corporation  
(DRPA/PATCO)

DVRPC FY2016-2019 TIP for New Jersey

# DVRPC FY2016-2019 TIP for NJ

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. Earmark Balances: NJ245 (\$4,079,550) and NJ261(\$962,025)

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: DRPA Improvement

CIS Program Category: Mass Transit Assets

Project Manager: DRPA/PATCO

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: DRPA/PATCO

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	DEMO	5.042									
EC	5307	3.200	3.200	3.200							
EC	DRPA	0.800	0.800	0.800							
<b>Fiscal Year Total</b>		<b>9.042</b>	<b>4.000</b>	<b>4.000</b>							
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		17.042									

### 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

DVRPC Planning Area:

CIS Program Subcategory: DRPA Improvement

CIS Program Category: Mass Transit Assets

Project Manager: DRPA/PATCO

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: DRPA/PATCO

Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC	5337	0.200	0.640	1.600	2.000	2.000					
ERC	DRPA	0.050	0.160	0.400	0.500	0.500					
<b>Fiscal Year Total</b>		<b>0.250</b>	<b>0.800</b>	<b>2.000</b>	<b>2.500</b>	<b>2.500</b>					
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		5.550				2.500					

# DVRPC FY2016-2019 TIP for NJ

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## 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

DVRPC Planning Area:

CIS Program Subcategory: DRPA Improvement

CIS Program Category: Mass Transit Assets

Project Manager: DRPA/PATCO

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: DRPA/PATCO

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC 5307	0.400	0.800	0.800	1.200	1.200	1.200	1.200	1.200		
ERC DRPA	0.100	0.200	0.200	0.300	0.300	0.300	0.300	0.300		
<b>Fiscal Year Total</b>	<b>0.500</b>	<b>1.000</b>	<b>1.000</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>		
	<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
	<i>4.000</i>				<i>6.000</i>					

### DB# D0906 Install Elevators, PATCO

AQCODE: M8

Installation of ADA compliant elevators at PATCO stations.

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: DRPA Improvement

CIS Program Category: Mass Transit Assets

Project Manager: DRPA/PATCO

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: DRPA/PATCO

Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC 5337	4.000	4.000	4.000	2.800	2.800					
EC DRPA	1.000	1.000	1.000	0.700	0.700					
<b>Fiscal Year Total</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>3.500</b>	<b>3.500</b>					
	<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
	<i>18.500</i>				<i>3.500</i>					

# DVRPC FY2016-2019 TIP for NJ

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 DVRPC Planning Area:  
 CIS Program Subcategory: DRPA Improvement CIS Program Category: Mass Transit Assets  
 Project Manager: DRPA/PATCO Indicators of Potential Disadvantage:  
 Mileposts: Sponsor: DRPA/PATCO  
 Improvement Type: Transit Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC 5337	0.000	4.800	2.000	3.200	3.200					
ERC DRPA	0.000	0.960	0.500	0.800	0.800					
<b>Fiscal Year Total</b>	<b>0.000</b>	<b>5.760</b>	<b>2.500</b>	<b>4.000</b>	<b>4.000</b>					
	<b>Total FY2016-2019</b>			<b>12.260</b>	<b>Total Later FY2020-2025</b>			<b>4.000</b>		

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

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 DVRPC Planning Area:  
 CIS Program Subcategory: DRPA Improvement CIS Program Category: Mass Transit Assets  
 Project Manager: DRPA/PATCO Indicators of Potential Disadvantage:  
 Mileposts: Sponsor: DRPA/PATCO  
 Improvement Type: Transit Improvements  
 This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC 5307				2.400	2.400	2.000	2.000	2.000		
EC DRPA				0.600	0.600	0.500	0.500	0.500		
<b>Fiscal Year Total</b>				<b>3.000</b>	<b>3.000</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>		
	<b>Total FY2016-2019</b>			<b>3.000</b>	<b>Total Later FY2020-2025</b>			<b>10.500</b>		

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## DRPA/PATCO

### DB# D1305 Pedestrian Bridge and Tunnel Rehabilitation

AQCODE: A2

This program will provide for preventive repairs of pedestrian bridges and tunnels owned by PATCO, including miscellaneous steel repair, concrete repair, joint filler, and spot paint. Structures to include Haddonfield Station pedestrian bridge (over PATCO); Ashland Station pedestrian bridge (over Evesham Road); Ferry Station West pedestrian tunnel; Ferry Station East pedestrian tunnel; Lindenwold Station pedestrian tunnel; Lindenwold Station pedestrian bridge.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 5B, 5C  
 Municipalities: Various DVRPC Planning Area:  
 CIS Program Subcategory: DRPA Improvement CIS Program Category: Mass Transit Assets  
 Project Manager: DRPA/PATCO Indicators of Potential Disadvantage:  
 Mileposts: Sponsor: DRPA/PATCO  
 Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	5337	1.200									
EC	DRPA	0.300									
<b>Fiscal Year Total</b>		<b>1.500</b>									
		<u>Total FY2016-2019</u> 1.500				<u>Total Later FY2020-2025</u>					

### 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 DVRPC Planning Area:  
 Municipalities: Various CIS Program Category: Mass Transit Assets  
 CIS Program Subcategory: DRPA Improvement Indicators of Potential Disadvantage:  
 Project Manager: DRPA/PATCO Sponsor: DRPA/PATCO  
 Mileposts:  
 Improvement Type: Transit Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC	5307	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700		
ERC	5337	0.000	1.200	1.000	1.000	1.000	1.000	1.000	1.000		
ERC	5340	0.280	0.280	0.280	0.280	0.280	0.280	0.280	0.280		
ERC	DRPA	0.196	0.436	0.520	0.520	0.520	0.520	0.520	0.520		
<b>Fiscal Year Total</b>		<b>1.176</b>	<b>2.616</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>	<b>2.500</b>		
		<u>Total FY2016-2019</u> 8.792				<u>Total Later FY2020-2025</u> 10.000					

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## 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 DVRPC Planning Area:  
 CIS Program Subcategory: DRPA Improvement CIS Program Category: Mass Transit Assets  
 Project Manager: DRPA/PATCO Indicators of Potential Disadvantage:  
 Mileposts: Sponsor: DRPA/PATCO  
 Improvement Type: Transit Improvements  
 This project contains ITS elements.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC 5337	0.000	0.865	0.225							
ERC DRPA	0.000	0.173	0.075							
<b>Fiscal Year Total</b>	<b>0.000</b>	<b>1.038</b>	<b>0.300</b>							
	<b>Total FY2016-2019</b>			<b>1.338</b>	<b>Total Later FY2020-2025</b>					

**DB# DR019 Smoke and Fire Control**

AQCODE: M6

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

CMP: Not SOV Capacity Adding DVRPC Planning Area:  
 Municipalities: Various CIS Program Category: Mass Transit Assets  
 CIS Program Subcategory: DRPA Improvement Indicators of Potential Disadvantage:  
 Project Manager: DRPA/PATCO Sponsor: DRPA/PATCO  
 Mileposts:  
 Improvement Type: Transit Improvements  
 This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
ERC 5337	0.000	1.200	0.000	0.800	0.400	0.400	0.400	0.400			
ERC DRPA	0.000	0.240	0.000	0.200	0.100	0.100	0.100	0.100			
<b>Fiscal Year Total</b>	<b>0.000</b>	<b>1.440</b>	<b>0.000</b>	<b>1.000</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>			
	<b>Total FY2016-2019</b>			<b>2.440</b>	<b>Total Later FY2020-2025</b>						<b>2.000</b>

# DVRPC FY2016-2019 TIP for NJ

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

DVRPC Planning Area:

CIS Program Subcategory: DRPA Improvement

CIS Program Category: Mass Transit Assets

Project Manager: DRPA/PATCO

Indicators of Potential Disadvantage:

Mileposts:

Sponsor: DRPA/PATCO

Improvement Type: Transit Improvements

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
ERC	5307	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056			
ERC	DRPA	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014			
<b>Fiscal Year Total</b>		<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>	<b>0.070</b>			
		<u>Total FY2016-2019</u>				0.280		<u>Total Later FY2020-2025</u>				0.280

Total for Various:

17.538	21.724	17.370	18.070	17.570	7.070	7.070	7.070	
<u>Total FY2016-2019</u>				74.702		<u>Total Later FY2018-2023</u>		38.780



# NEW JERSEY STATEWIDE PROGRAM

DVRPC FY2016-2019 TIP  
for New Jersey

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

### DB# X12 Acquisition of Right of Way

AQCODE: NRS Advance acquisition and demolition of key right of way parcels, easements, transportation facilities, and access and development rights to preserve transportation corridors for future transportation use.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager:

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway New Capacity

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ROW STATE	0.250	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
<b>Fiscal Year Total</b>	<b>0.250</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>
	<u>Total FY2016-2019</u>			<i>1.750</i>	<u>Total Later FY2020-2025</u>			<i>3.000</i>		

### DB# 11344 ADA Curb Ramp Implementation

AQCODE: A2 The Federal Highway Administration requested NJDOT to complete an Americans with Disabilities Act (ADA) Curb Ramp Inventory and develop an Implementation Program. A priority list of locations that are missing ADA curb ramps was developed and this funding will be applied to projects that are missing ADA curb ramps statewide.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Safety Management

Project Manager: Section, Chrystal

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
ERC STP	14.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>	<b>15.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>
	<u>Total FY2016-2019</u>			<i>21.000</i>	<u>Total Later FY2020-2025</u>			<i>12.000</i>		

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

**DB# 08415 Airport Improvement Program**

AQCODE: NRS

This program funds grants to be awarded by the Commissioner of NJDOT pursuant to a competitive project application process for projects, 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, airport access roads, etc.) at public-use general aviation airports, aviation planning purposes, aviation education and promotion programs, aviation studies, airport feasibility studies, and also to provide funds to help match and capture federal funds. The program may also fund capital improvements to airports owned by the state.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Airport Assets

Project Manager: Patel, Ashwin

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

This project may be suitable for ITS treatments.

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
<b>Phase Fund</b>	<b>ERC STATE</b>	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
<b>Fiscal Year Total</b>		<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	
		<b>Total FY2016-2019</b>				<b>16.000</b>		<b>Total Later FY2020-2025</b>				<b>24.000</b>

**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:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Britton, Jim

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
<b>Phase Fund</b>	<b>DES STATE</b>	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	
<b>Fiscal Year Total</b>		<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	
		<b>Total FY2016-2019</b>				<b>2.000</b>		<b>Total Later FY2020-2025</b>				<b>3.000</b>

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

### DB# 13303 Automatic Traffic Management System (ATMS)

AQCODE: X1

This program will provide funding for the deployment program for the first Automatic 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 Automatic 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:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Congestion Relief

Project Manager: Mirza, Wasif

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC CMAQ	1.000	1.000		13.000	13.000					
<b>Fiscal Year Total</b>	<b>1.000</b>	<b>1.000</b>		<b>13.000</b>	<b>13.000</b>					
	<b>Total FY2016-2019</b>			<b>15.000</b>	<b>Total Later FY2020-2025</b>			<b>13.000</b>		

### DB# 01335 Betterments, Dams

AQCODE: X1

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

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Bridge Assets

Project Manager: Renman, Greg

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STATE	0.350	0.100	0.375	0.100	0.375	0.100	0.400	0.100	0.400	0.100
<b>Fiscal Year Total</b>	<b>0.350</b>	<b>0.100</b>	<b>0.375</b>	<b>0.100</b>	<b>0.375</b>	<b>0.100</b>	<b>0.400</b>	<b>0.100</b>	<b>0.400</b>	<b>0.100</b>
	<b>Total FY2016-2019</b>			<b>0.925</b>	<b>Total Later FY2020-2025</b>			<b>1.475</b>		

# DVRPC FY2016-2019 TIP for NJ

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:

DVRPC Planning Area:

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Kauffman, Raymond / Black, Daniel

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
EC	STATE	10.195	10.195	10.195	10.195	10.195	10.195	10.195	10.195	10.195	10.195	
<b>Fiscal Year Total</b>		<b>10.195</b>	<b>10.195</b>	<b>10.195</b>	<b>10.195</b>	<b>10.195</b>	<b>10.195</b>	<b>10.195</b>	<b>10.195</b>	<b>10.195</b>	<b>10.195</b>	
		<b>Total FY2016-2019</b>				<b>40.780</b>		<b>Total Later FY2020-2025</b>				<b>61.170</b>

### DB# X72C Betterments, Safety

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Safety

CIS Program Category: Safety Management

Project Manager: Tunnard/Bhanderi

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
EC	STATE	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	
<b>Fiscal Year Total</b>		<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	
		<b>Total FY2016-2019</b>				<b>28.000</b>		<b>Total Later FY2020-2025</b>				<b>42.000</b>

# DVRPC FY2016-2019 TIP for NJ

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:

DVRPC Planning Area:

CIS Program Subcategory: Intermodal Programs

CIS Program Category: Safety Management

Project Manager: Kingsland, Debbie

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement  
This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
ERC CMAQ	8.455	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	
ERC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
<b>Fiscal Year Total</b>	<b>9.455</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	
<b>Total FY2016-2019</b>			<b>27.455</b>		<b>Total Later FY2020-2025</b>				<b>36.000</b>		

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

AQCODE: S19

This program will provide funding for design and construction of deck preservation, deck replacement and superstructure replacement projects in various locations throughout the state. This is a statewide program which will address an approved priority listing of deficient bridge decks. This program will also provide funding for recommendations, survey, aerial photography, photogrammetry, base mapping and engineering.

The following projects, totaling \$20.845 M, are expected to authorize in FY17 with funds from this program in the DVRPC Highway Program:

- Rt 42 Bridges over Lower Landing (\$10.944 M)
- Rt 3 at Passaic River (\$0.901 M)
- Route 130, Bridge over Doctors Creek & Crosswicks Creek (\$9 M estimate)

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: Bridge Preservation

CIS Program Category: Bridge Assets

Project Manager: Hecht, Dana

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
ERC NHPP	10.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	
<b>Fiscal Year Total</b>	<b>10.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	
<b>Total FY2016-2019</b>			<b>25.000</b>		<b>Total Later FY2020-2025</b>				<b>30.000</b>		

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

### DB# 98315 Bridge Emergency Repair

AQCODE: NRS

This program allows NJDOT to obtain emergency bridge repairs (through various Bridge Maintenance Contracts - i.e. Concrete Structural Repair, Structural Steel Repair, Timber Structure Repair Contracts). This 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 a collision or flood damage, etc. These consultants will be available to assist Department personnel on an as-needed basis.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Bridge Preservation

CIS Program Category: Bridge Assets

Project Manager: Neuman, Roy

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	17.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000	20.000
<b>Fiscal Year Total</b>		<b>17.000</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>77.000</i>				<i>120.000</i>					

### 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.

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: Bridge Preservation

CIS Program Category: Bridge Assets

Project Manager: Evans, Jack

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	NHPP	11.500	9.800	12.500	10.800	12.500	11.510	14.380	12.840	13.620	12.510
EC	STP	9.900	15.900	9.900	16.600	10.920	18.350	11.610	19.210	11.880	19.910
<b>Fiscal Year Total</b>		<b>21.400</b>	<b>25.700</b>	<b>22.400</b>	<b>27.400</b>	<b>23.420</b>	<b>29.860</b>	<b>25.990</b>	<b>32.050</b>	<b>25.500</b>	<b>32.420</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>96.900</i>				<i>169.240</i>					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

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

NEW

AQCODE: NRS

This Operations program allows the NJDOT to obtain emergency movable bridge and tunnel repairs on a 24/7 basis. Furthermore, this contract funding will be utilized to address priority structural repair deficiencies and PEOSHA violations that are identified during in-depth inspections. These assets 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:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Eskander, Silvia

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type:

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	21.000	22.000	22.000	22.000	23.000	23.000	24.000	24.000	25.000	25.000
<b>Fiscal Year Total</b>		<b>21.000</b>	<b>22.000</b>	<b>22.000</b>	<b>22.000</b>	<b>23.000</b>	<b>23.000</b>	<b>24.000</b>	<b>24.000</b>	<b>25.000</b>	<b>25.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>87.000</i>				<i>144.000</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:

DVRPC Planning Area:

CIS Program Subcategory: Bridge Preservation

CIS Program Category: Bridge Assets

Project Manager: Kasbekar, Nat

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STP	0.800	0.800	0.800	0.800	0.900	0.900	0.900	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>0.800</b>	<b>0.800</b>	<b>0.800</b>	<b>0.800</b>	<b>0.900</b>	<b>0.900</b>	<b>0.900</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>3.200</i>				<i>5.700</i>					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

**DB# 13323 Bridge Preventive Maintenance**

AQCODE: NRS

This program provides funding for bridge preservation activities including painting as well as deck repairs and substructure repairs as a means of extending structure life. Painting contracts shall be awarded to include painting steel on various structures as an anti-corrosion and will be constituted from an approved list of bridges based on 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 the entire structure, with structures systematically prioritized by corridor or geographical area. Both painting and preventive maintenance contracts shall be awarded to preserve and prolong the useful service life of bridges in accordance with the NJDOT Bridge Preventive Maintenance Program.

FY17 contracts that are in the DVRPC region are listed below.  
 -Maintenance Bridge Painting Contract 2016-5 - \$6,000,000 (\$2,000,000 NHPP/\$4,000,000 STP) to paint seven (7) structures on I-295 in Burlington and Camden Counties;  
 -Maintenance Bridge Painting Contract 2016-4 - \$6,000,000 (\$2,000,000 NHPP/\$4,000,000 STP) to paint six (6) structures on I-195 in Mercer, Ocean, and Monmouth Counties;  
 -Drawbridge Preventive Maintenance Contract 2017-2 - \$8,000,000 (\$4,000,000 NHPP/\$4,000,000 STP) to perform structural and electrical maintenance on nine (9) structures along Routes 30, US-40/322, NJ-44, NJ-47, NJ-71, and US-130 in Gloucester, Atlantic, Cape May, Monmouth, and Salem Counties;

FY17 contracts that are in SJTPO and/or NJTPA regions are listed below.  
 -Maintenance Bridge Fender Replacement Contract 2017-2 - \$20,000,000 NHPP to completely replace four (4) fender systems on Routes NJ-35 and US-40/322 in Atlantic, Monmouth, and Middlesex Counties;  
 -Maintenance Bridge Fender Replacement Contract 2017-3 - \$25,000,000 NHPP to completely replace five (5) fender systems along Routes US-1 and 9T, NJ-3, and US-46 in Bergen, Essex, and Hudson Counties;  
 -Maintenance Bridge Painting Contract 2016-3 - \$6,000,000 NHPP to paint two structures on US-22 in Essex County.

CMP: Not SOV Capacity Adding  
 Municipalities: Various  
 CIS Program Subcategory: Various  
 Project Manager: Kauffman, Raymond / Najem, Atta  
 Mileposts: N/A  
 Improvement Type: Bridge Repair/Replacement

DVRPC Planning Area:  
 CIS Program Category: Bridge Assets  
 Indicators of Potential Disadvantage:  
 Sponsor: NJDOT

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC NHPP	18.000	81.000	13.000	13.000	13.000	13.000	13.000	13.000	13.000	13.000
EC STATE	22.000	25.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000	22.000
EC STP	17.000	27.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000
<b>Fiscal Year Total</b>	<b>57.000</b>	<b>133.000</b>	<b>42.000</b>	<b>42.000</b>	<b>42.000</b>	<b>42.000</b>	<b>42.000</b>	<b>42.000</b>	<b>42.000</b>	<b>42.000</b>
<b>Total FY2016-2019</b>			<b>274.000</b>	<b>Total Later FY2020-2025</b>			<b>252.000</b>			

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## Various

### DB# 08381 Bridge Replacement, Future Projects

AQCODE: S19 Future projects related to bridge rehabilitations and replacements, Statewide.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Bridge Preservation

CIS Program Category: Bridge Assets

Project Manager: Renman, Greg

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC BRIDGE-OFF		0.200								
ERC NHPP	1.271	1.700	3.675	6.693	11.144	26.929	219.759	287.799	326.449	318.479
ERC STATE		75.500	59.000	30.000	35.000	162.144	162.144	162.144	162.144	162.144
<b>Fiscal Year Total</b>	<b>1.271</b>	<b>77.400</b>	<b>62.675</b>	<b>36.693</b>	<b>46.144</b>	<b>189.073</b>	<b>381.903</b>	<b>449.943</b>	<b>488.593</b>	<b>480.623</b>
	<b>Total FY2016-2019</b>			<b>178.039</b>	<b>Total Later FY2020-2025</b>			<b>2,036.279</b>		

### DB# 98316 Bridge Scour Countermeasures

AQCODE: NRS Bridge scour countermeasure contracts will provide the needed protection to various substructure elements to extend the life of state bridges over waterways. The bridge scour countermeasure contracts will be constituted from an approved list of bridges and will be based on the availability and regional breakdown of funding.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Bridge Preservation

CIS Program Category: Bridge Assets

Project Manager: Renman, Greg

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC NHPP	0.500	3.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
<b>Fiscal Year Total</b>	<b>0.500</b>	<b>3.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>
	<b>Total FY2016-2019</b>			<b>5.000</b>	<b>Total Later FY2020-2025</b>			<b>3.000</b>		

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### 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:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Support

CIS Program Category: Capital Program Delivery

Project Manager: DeLucia, Barbara

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
<b>Fiscal Year Total</b>		<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<b>6.000</b>				<b>9.000</b>					

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

AQCODE: NRS

This is a program of low-cost, quick-turnaround intelligent transportation system (ITS) improvements to improve traffic flow and provide traveler information on the state's transportation system. This program will provide for the deployment of these through separate ITS projects or be added within other roadway and bridge infrastructure preservation projects to effectively complete these at the minimum cost and 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 could include Dynamic Message Signs to provide real time traffic conditions in strategic locations to allow the motoring public to make informed decisions on possible alternatives.

CMP: Minor SOV Capacity

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Congestion Relief

CIS Program Category: Congestion Relief

Project Manager: Mirza, Wasif

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

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

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC	STATE	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<b>8.000</b>				<b>12.000</b>					

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### 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:**

DVRPC Planning Area:

**CIS Program Subcategory:** Congestion Relief

CIS Program Category: Congestion Relief

**Project Manager:** Cap Prog Com

Indicators of Potential Disadvantage:

**Mileposts:** N/A

Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
EC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
<b>Fiscal Year Total</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	
<b>Total FY2016-2019</b>				<b>4.000</b>	<b>Total Later FY2020-2025</b>						<b>6.000</b>

### 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:**

DVRPC Planning Area:

**CIS Program Subcategory:** Capital Program Delivery

CIS Program Category: Capital Program Delivery

**Project Manager:** Sheehy, Sean

Indicators of Potential Disadvantage:

**Mileposts:** N/A

Sponsor: NJDOT

**Improvement Type:** Other

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
EC STATE	8.000	11.500	11.500	11.500	11.500	11.500	11.500	11.500	11.500	11.500	
<b>Fiscal Year Total</b>	<b>8.000</b>	<b>11.500</b>	<b>11.500</b>	<b>11.500</b>	<b>11.500</b>	<b>11.500</b>	<b>11.500</b>	<b>11.500</b>	<b>11.500</b>	<b>11.500</b>	
<b>Total FY2016-2019</b>				<b>42.500</b>	<b>Total Later FY2020-2025</b>						<b>69.000</b>

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## Various

### 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:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Sheehy, Sean

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	0.500	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.700	0.750
<b>Fiscal Year Total</b>		<b>0.500</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.700</b>	<b>0.750</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>2.600</i>				<i>4.250</i>					

### DB# X242 Crash Reduction Program

AQCODE: S6

State's Strategic Highway Safety Plan influences the decisions for investment planning. SHSP emphasis areas guide problem identification in the HSIP. Crash Reduction Program is a comprehensive program of safety improvements designed to improve conditions and locations identified by the Highway Safety Improvement Program. These treatments may include pavement improvements, protection or removal of fixed objects, and utility pole relocation or replacement. This program 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, striping and high friction surface treatment to prevent vehicles from leaving their respective lanes and causing crashes, injuries, and deaths. Additionally, this program will also provide for the development and implementation of quick-turnaround projects at locations which show an excessive occurrence of crashes as well as remediation of those locations.

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: Safety

CIS Program Category: Safety Management

Project Manager: Azam/Castaldo

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	NHPP		5.000								
EC	HSIP	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
<b>Fiscal Year Total</b>		<b>5.000</b>	<b>10.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>25.000</i>				<i>30.000</i>					

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## Various

**DB# 99322A Culvert Inspection Program, Locally-owned Structures**

**AQCODE:** NRS This program will provide for regular structural inspection of county-owned and locally-owned highway bridges of less than 20 feet.

CMP:

Municipalities: DVRPC Planning Area:  
 CIS Program Subcategory: Bridge Preservation CIS Program Category: Bridge Assets  
 Project Manager: Evans, Jack Indicators of Potential Disadvantage:  
 Mileposts: N/A Sponsor: NJDOT  
 Improvement Type: Bridge Repair/Replacement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
EC STATE	3.000	4.800	4.800	4.800	4.800	2.400	2.400	2.400	2.400	2.400	
EC STP						2.400	2.400	2.400	2.400	2.400	
<b>Fiscal Year Total</b>	<b>3.000</b>	<b>4.800</b>	<b>4.800</b>	<b>4.800</b>	<b>4.800</b>	<b>4.800</b>	<b>4.800</b>	<b>4.800</b>	<b>4.800</b>	<b>4.800</b>	
<b>Total FY2016-2019</b>				<b>17.400</b>	<b>Total Later FY2020-2025</b>						<b>28.800</b>

**DB# 99322 Culvert Inspection Program, State-owned Structures**

**AQCODE:** NRS This program provides for the inspection of state-owned highway bridges less than 20 feet in length.

CMP:

Municipalities: DVRPC Planning Area:  
 CIS Program Subcategory: Bridge Preservation CIS Program Category: Bridge Assets  
 Project Manager: Evans, Jack Indicators of Potential Disadvantage:  
 Mileposts: N/A Sponsor: NJDOT  
 Improvement Type: Bridge Repair/Replacement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
EC STATE	0.700	1.400	1.350	1.400	1.350						
EC STP						1.400	0.750	1.000	1.500	1.550	
<b>Fiscal Year Total</b>	<b>0.700</b>	<b>1.400</b>	<b>1.350</b>	<b>1.400</b>	<b>1.350</b>	<b>1.400</b>	<b>0.750</b>	<b>1.000</b>	<b>1.500</b>	<b>1.550</b>	
<b>Total FY2016-2019</b>				<b>4.850</b>	<b>Total Later FY2020-2025</b>						<b>7.550</b>

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## Various

### DB# 09316 Culvert Replacement Program

AQCODE: NRS

Culvert replacements will be initiated based on the results of the culvert inspection program. It is anticipated that these 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:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Dalal, Jayant

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC	STATE	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
ERC	STP	2.000	3.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>4.000</b>	<b>5.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>
		<u>Total FY2016-2019</u> 15.000				<u>Total Later FY2020-2025</u> 18.000					

### 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.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Support

CIS Program Category: Capital Program Delivery

Project Manager: Harper, Lydia

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STP	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
<b>Fiscal Year Total</b>		<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>
		<u>Total FY2016-2019</u> 1.000				<u>Total Later FY2020-2025</u> 1.500					

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## Various

### 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:

CIS Program Subcategory: Capital Program Delivery

Project Manager:

Mileposts: N/A

Improvement Type: Other

DVRPC Planning Area:

CIS Program Category: Capital Program Delivery

Indicators of Potential Disadvantage:

Sponsor: NJDOT

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DES	STATE	6.500	6.500	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
DES	STP	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>7.500</b>	<b>7.500</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>	<b>6.000</b>
<b>Total FY2016-2019</b>				<b>27.000</b>	<b>Total Later FY2020-2025</b>						<b>36.000</b>

### 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:

CIS Program Subcategory: Capital Program Delivery

Project Manager: Dalal, Jayant

Mileposts: N/A

Improvement Type: Other

DVRPC Planning Area:

CIS Program Category: Capital Program Delivery

Indicators of Potential Disadvantage:

Sponsor: NJDOT

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
DES	STATE	0.500	0.500		0.500	0.500	0.500	0.500			0.500
<b>Fiscal Year Total</b>		<b>0.500</b>	<b>0.500</b>		<b>0.500</b>		<b>0.500</b>	<b>0.500</b>			<b>0.500</b>
<b>Total FY2016-2019</b>				<b>1.500</b>	<b>Total Later FY2020-2025</b>						<b>2.000</b>

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### DB# X197 Disadvantaged Business Enterprise

AQCODE: NRS

This is a federal grant to provide an integrated program of training and business development services to expand the capacity of Disadvantaged Business Enterprise (DBE) firms to more equitably compete for public works contracts in the State.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Support

CIS Program Category: Capital Program Delivery

Project Manager: Tilghman-Ansley, Vicki

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STP	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
<b>Fiscal Year Total</b>		<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>
		<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
		0.400				0.600					

### 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:

DVRPC Planning Area:

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Kauffman, Raymond / Black, Daniel

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STP	8.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
<b>Fiscal Year Total</b>		<b>8.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>
		<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
		23.000				30.000					

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## Various

### 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:

DVRPC Planning Area:

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Kauffman, Raymond / Black, Daniel

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
EC STATE	10.000	16.000	16.000	16.000	16.000	16.000	16.000	16.000	16.000	16.000	
<b>Fiscal Year Total</b>	<b>10.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	<b>16.000</b>	
			<b>Total FY2016-2019</b>	<b>58.000</b>				<b>Total Later FY2020-2025</b>	<b>96.000</b>		

### DB# X241 Electrical Facilities

AQCODE: NRS

This program provides funding for purchasing materials in addition to 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:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Support

CIS Program Category: Road Assets

Project Manager: Kauffman, Raymond / Black, Daniel

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
EC STATE	5.446	5.446	5.446	5.446	5.446	5.446	5.446	5.446	5.446	5.446	
<b>Fiscal Year Total</b>	<b>5.446</b>	<b>5.446</b>	<b>5.446</b>	<b>5.446</b>	<b>5.446</b>	<b>5.446</b>	<b>5.446</b>	<b>5.446</b>	<b>5.446</b>	<b>5.446</b>	
			<b>Total FY2016-2019</b>	<b>21.784</b>				<b>Total Later FY2020-2025</b>	<b>32.676</b>		

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

AQCODE: NRS

This project will provide for the betterment of the existing highway lighting facilities. The existing facilities do not comply with current electrical code and replacement equipment is not available. Due to high traffic volumes, maintenance of the 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:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Support

CIS Program Category: Transportation Support Facilities

Project Manager: Kauffman, Raymond / Black, Daniel

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Streetscape

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase Fund		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC	STATE	2.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<b>14.000</b>				<b>24.000</b>					

### DB# X75 Environmental Investigations

AQCODE: X1

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

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager:

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase Fund		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	3.000	4.500	4.500	4.500	4.500	4.500	4.500	4.500	4.500	4.500
<b>Fiscal Year Total</b>		<b>3.000</b>	<b>4.500</b>	<b>4.500</b>	<b>4.500</b>	<b>4.500</b>	<b>4.500</b>	<b>4.500</b>	<b>4.500</b>	<b>4.500</b>	<b>4.500</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<b>16.500</b>				<b>27.000</b>					

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**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:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Fittipaldi, Janet

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
ERC	STATE	0.400	0.500	0.500	0.500	0.500	0.600	0.600	0.600	0.600	0.600
<b>Fiscal Year Total</b>		<b>0.400</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.600</b>	<b>0.600</b>	<b>0.600</b>	<b>0.600</b>	<b>0.600</b>
		<b>Total FY2016-2019</b>			<b>1.900</b>	<b>Total Later FY2020-2025</b>			<b>3.500</b>		

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

AQCODE: NRS

This program provides funding for 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 will support the expanded capital, safety and maintenance programs. Part of this funding should be used to replace equipment that is over-age and that has fallen behind the planned life cycle due to recurring budget shortfalls and budget cuts in the equipment area.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Support

CIS Program Category: Transportation Support Facilities

Project Manager: Kauffman, Raymond / Schmidt

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
EC	STATE	12.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000
<b>Fiscal Year Total</b>		<b>12.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>
		<b>Total FY2016-2019</b>			<b>57.000</b>	<b>Total Later FY2020-2025</b>			<b>90.000</b>		

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### 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:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Transportation Support Facilities

Project Manager: Kauffman/Schmidt

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type:

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STATE	5.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000
<b>Fiscal Year Total</b>	<b>5.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>
	<b>Total FY2016-2019</b>			<b>26.000</b>	<b>Total Later FY2020-2025</b>			<b>42.000</b>		

### DB# 00377 Ferry Program

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Intermodal Programs

CIS Program Category: Multimodal Programs

Project Manager: Boehm, Genevieve

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC STP	0.100									
ERC FBP	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
<b>Fiscal Year Total</b>	<b>2.100</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>
	<b>Total FY2016-2019</b>			<b>8.100</b>	<b>Total Later FY2020-2025</b>			<b>12.000</b>		

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### DB# X34 Freight Program

AQCODE: NRS

This program provides funding for the rehabilitation and improvement of key elements of the NJ rail freight network, including acquisition, rehabilitation, facility construction, and substitute service assistance under the State Freight Assistance Program, matching of federal funds, and participation in other projects and programs for improvement of the intermodal goods movement network and support of economic development initiatives.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Intermodal Programs

CIS Program Category: Multimodal Programs

Project Manager: Patel, Ashwin

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STATE	8.000	8.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
<b>Fiscal Year Total</b>	<b>8.000</b>	<b>8.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>
	<b>Total FY2016-2019</b>			<b>36.000</b>	<b>Total Later FY2020-2025</b>			<b>60.000</b>		

### 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:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Safety Management

Project Manager: Azam/Castaldo

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC HSIP	5.347	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>	<b>5.347</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>
	<b>Total FY2016-2019</b>			<b>17.347</b>	<b>Total Later FY2020-2025</b>			<b>24.000</b>		



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### 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:

CIS Program Subcategory: Safety

Project Manager: Azam/Castaldo

Mileposts: N/A

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

DVRPC Planning Area:

CIS Program Category: Safety Management

Indicators of Potential Disadvantage:

Sponsor: NJDOT

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Phase	Fund										
ERC	HSIP	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
ERC	STATE	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
<b>Fiscal Year Total</b>		<b>1.250</b>	<b>1.250</b>	<b>1.250</b>	<b>1.250</b>	<b>1.250</b>	<b>1.250</b>	<b>1.250</b>	<b>1.250</b>	<b>1.250</b>	<b>1.250</b>
<b>Total FY2016-2019</b>				<b>5.000</b>	<b>Total Later FY2020-2025</b>						<b>7.500</b>

### DB# X151 Interstate Service Facilities

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities:

CIS Program Subcategory: Quality of Life

Project Manager: Hatzisavvas, Debby

Mileposts: N/A

Improvement Type: Streetscape

DVRPC Planning Area:

CIS Program Category: Road Assets

Indicators of Potential Disadvantage:

Sponsor: NJDOT

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Phase	Fund										
EC	NHPP		1.000								
EC	STATE	0.500	0.600	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
<b>Fiscal Year Total</b>		<b>0.500</b>	<b>1.600</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>	<b>0.100</b>
<b>Total FY2016-2019</b>				<b>2.300</b>	<b>Total Later FY2020-2025</b>						<b>0.600</b>

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## Various

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

AQCODE: NRS

Utilize Job Order Contracting to better manage and control cost associated with transportation infrastructure repairs (e.g. fixed bridge; movable bridge; roadway drainage systems; roadway repair; lighting etc.). This project 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:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Kauffman/Ghorbani/Neuman

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STP	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000	7.000
<b>Fiscal Year Total</b>		<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>	<b>7.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>28.000</i>				<i>42.000</i>					

### 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:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Stevenson, Debbie

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600	1.600
<b>Fiscal Year Total</b>		<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>	<b>1.600</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>6.400</i>				<i>9.600</i>					

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## Various

### DB# 06327 Local Aid Grant Management System

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

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Abuhuzeima, Shukri

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
EC STATE	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	
<b>Fiscal Year Total</b>	<b>0.165</b>	<b>0.165</b>	<b>0.165</b>	<b>0.165</b>	<b>0.165</b>	<b>0.165</b>	<b>0.165</b>	<b>0.165</b>	<b>0.165</b>	<b>0.165</b>	
	<b>Total FY2016-2019</b>				<b>0.660</b>		<b>Total Later FY2020-2025</b>				<b>0.990</b>

### DB# X186 Local Aid, Infrastructure Fund

AQCODE: NRS This program provides local aid funding for counties and municipalities in addition to funding provided by the basic Trust Fund Act program.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Bruccoleri, Dave

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: Local Lead

Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
ERC STATE	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	7.500	
<b>Fiscal Year Total</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	<b>7.500</b>	
	<b>Total FY2016-2019</b>				<b>30.000</b>		<b>Total Later FY2020-2025</b>				<b>45.000</b>

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## Various

### DB# 08387 Local Bridges, Future Needs

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

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Bridge Preservation

CIS Program Category: Local System Support

Project Manager: Tessema, Adnew

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC STATE	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000
<b>Fiscal Year Total</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>	<b>25.000</b>
			<b>Total FY2016-2019</b>		<b>Total Later FY2020-2025</b>					
			100.000		150.000					

### 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:

DVRPC Planning Area:

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Abuhuzeima, Shukri

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: Local Lead

Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC STATE	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
<b>Fiscal Year Total</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>
			<b>Total FY2016-2019</b>		<b>Total Later FY2020-2025</b>					
			20.000		30.000					

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## 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:

DVRPC Planning Area:

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Kauffman, Ray

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	0.750	2.000	2.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>0.750</b>	<b>2.000</b>	<b>2.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>5.750</i>				<i>6.000</i>					

### 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:

DVRPC Planning Area:

CIS Program Subcategory: Intermodal Programs

CIS Program Category: Multimodal Programs

Project Manager: Boehm, Genevieve

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

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

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>4.000</i>				<i>6.000</i>					

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## Various

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

AQCODE: NRS

State law requires that an allocation of one half of one percent for State construction contracts over \$1 million is set aside for minority and women outreach and training purposes. Training and outreach activities will have particular emphasis on contractors who do not meet workforce goals. This requirement is delineated under NJAC 17:27-7.4. NJDOT is committing to the training requirement on a programmatic level rather than on a project-by-project level.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Support

CIS Program Category: Capital Program Delivery

Project Manager: Genovese, Tony

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>4.000</i>				<i>6.000</i>					

### 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

DVRPC Planning Area:

Municipalities:

CIS Program Category: Congestion Relief

CIS Program Subcategory:

Indicators of Potential Disadvantage:

Project Manager:

Sponsor: NJDOT

Mileposts: N/A

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

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	NHPP	11.205	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
EC	STATE	1.700	1.700	1.700	1.700	1.700	1.700	1.700	1.700	1.700	1.700
EC	STP	1.208	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>		<b>14.113</b>	<b>15.700</b>	<b>15.700</b>	<b>15.700</b>	<b>15.700</b>	<b>15.700</b>	<b>15.700</b>	<b>15.700</b>	<b>15.700</b>	<b>15.700</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>61.213</i>				<i>94.200</i>					

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## 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:

DVRPC Planning Area:

CIS Program Subcategory: Safety

CIS Program Category: Safety Management

Project Manager: Castaldo/Azam

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	HSIP	5.600	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
<b>Fiscal Year Total</b>		<b>5.600</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		11.600				12.000					

### DB# X200C New Jersey Scenic Byways Program

RETURN

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:

DVRPC Planning Area:

CIS Program Subcategory: Quality of Life

CIS Program Category: Road Assets

Project Manager: Bloom-Cronin, Cindy

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC	TAP	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
<b>Fiscal Year Total</b>		<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		2.000				3.000					

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## Various

**DB# 99372 Orphan Bridge Reconstruction**

AQCODE: S19

This program provides for the engineering and construction of orphan bridges. These 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:

DVRPC Planning Area:

CIS Program Subcategory: Bridge Preservation

CIS Program Category: Bridge Assets

Project Manager: Kauffman, Raymond / Najem, Atta

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	1.500	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
<b>Fiscal Year Total</b>		<b>1.500</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>		<b>Total Later FY2020-2025</b>			
		<i>10.500</i>				<i>18.000</i>		<i>18.000</i>			

**DB# X28B Park and Ride/Transportation Demand Management Program**

AQCODE: A1

This program supports TDM options for carpooling, vanpooling, and transit by providing funding for leases for park and rides in areas with high demand areas throughout the state. The department continues to support funding for approximately 15 leased park and rides statewide to assist with reducing air pollution, congestion and improve air quality.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Congestion Relief

CIS Program Category: Congestion Relief

Project Manager: Kingsland, Debbie

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

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

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>		<b>Total Later FY2020-2025</b>			
		<i>4.000</i>				<i>6.000</i>		<i>6.000</i>			

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## 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:

DVRPC Planning Area:

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Kauffman, Raymond / Black, Daniel

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
EC NHPP	28.420	16.000	16.000	16.000	6.000	6.000	6.000	6.000	6.000	6.000	
EC STP	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
<b>Fiscal Year Total</b>	<b>32.420</b>	<b>20.000</b>	<b>20.000</b>	<b>20.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	
<b>Total FY2016-2019</b>				<b>92.420</b>	<b>Total Later FY2020-2025</b>						<b>60.000</b>

**DB# 06403 Pedestrian Safety Improvement Design and Construction**

AQCODE: A2

This is a dedicated funding line item for pedestrian safety projects in high crash corridors and near transit facilities. These funds are being used for pedestrian safety enhancements at intersections, sidewalk installation, and traffic calming measures, new state-of-the-art technologies for safe pedestrian crossings, signage and striping.

CMP:

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Intermodal Programs

CIS Program Category: Safety Management

Project Manager: Kingsland, Debbie

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	
ERC STATE	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	
<b>Fiscal Year Total</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	<b>1.500</b>	
<b>Total FY2016-2019</b>				<b>6.000</b>	<b>Total Later FY2020-2025</b>						<b>9.000</b>

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**DB# 06401 Pedestrian Safety Improvement Program**

AQCODE: A2

This is an approach to reduce pedestrian crashes and/or fatalities. Each location / segment would be identified through crash history data and estimated rates of exposure to motor vehicles/pedestrian conflicts. Each location/ segment would be examined by NJDOT'S pedestrian Safety Impact Teams who will conduct Road Safety Audits and make recommendations for improvements. This includes the implementation of recommendations as well.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Intermodal Programs

CIS Program Category: Safety Management

Project Manager: Azam/Castaldo

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement  
This project may be suitable for ITS treatments.

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>	ERC HSIP	1.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>10.000</i>				<i>18.000</i>					

**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:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Support

CIS Program Category: Transportation Support Facilities

Project Manager: Hatzisavvas, Debby

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>	ERC STATE	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
<b>Fiscal Year Total</b>		<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>	<b>10.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>40.000</i>				<i>60.000</i>					

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## Various

### DB# X30 Planning and Research, Federal-Aid

AQCODE: X1

NJDOT will 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:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Swords, Andrew

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PLS	LTAP	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140	0.140
PLS	SPR	18.960	22.764	18.960	18.960	18.960	18.960	18.960	18.960	18.960	18.960
PLS	STP	6.600	34.100	6.600	6.600	6.600	6.600	6.600	6.600	6.600	6.600
<b>Fiscal Year Total</b>		<b>25.700</b>	<b>57.004</b>	<b>25.700</b>	<b>25.700</b>	<b>25.700</b>	<b>25.700</b>	<b>25.700</b>	<b>25.700</b>	<b>25.700</b>	<b>25.700</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>134.104</i>				<i>154.200</i>					

### 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 intermodalism, 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:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Lewis, James

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PLS	STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>4.000</i>				<i>6.000</i>					

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## Various

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

AQCODE: NRS

This program will provide funding for a pre-apprenticeship program to train minorities and women to qualify for entry into union apprenticeship programs and employment on NJDOT construction projects.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Support

CIS Program Category: Capital Program Delivery

Project Manager: Overton, Jeff

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STP	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
<b>Fiscal Year Total</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>	<b>0.500</b>
	<b>Total FY2016-2019</b>			<b>2.000</b>	<b>Total Later FY2020-2025</b>			<b>3.000</b>		

**DB# X10 Program Implementation Costs, NJDOT**

AQCODE: NRS

This program will provide funding for salaries and other administrative expenses which directly relate to developing and delivering the Capital Program. This funding is allocated for multi-year and previously authorized project costs.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Stevenson, Debbie

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STATE	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000	95.000
<b>Fiscal Year Total</b>	<b>95.000</b>	<b>95.000</b>	<b>95.000</b>	<b>95.000</b>	<b>95.000</b>	<b>95.000</b>	<b>95.000</b>	<b>95.000</b>	<b>95.000</b>	<b>95.000</b>
	<b>Total FY2016-2019</b>			<b>380.000</b>	<b>Total Later FY2020-2025</b>			<b>570.000</b>		

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## Various

**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:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Capital Program Delivery

Project Manager:

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	STATE	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
<b>Fiscal Year Total</b>		<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>
		<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
		<i>20.000</i>				<i>30.000</i>					

**DB# 05341 Project Reporting System (PRS) Replacement**

AQCODE: NRS

This project will provide a collaborative environment for all department stakeholders to utilize one Project Reporting System to manage projects from start to finish, thus, facilitating access to all parties and allow for everyone to have input into the process.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Grant, Sheryl

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	0.600	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350
<b>Fiscal Year Total</b>		<b>0.600</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>	<b>0.350</b>
		<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
		<i>1.650</i>				<i>2.100</i>					

# DVRPC FY2016-2019 TIP for NJ

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: \_\_\_\_\_ DVRPC Planning Area: \_\_\_\_\_

CIS Program Subcategory: Safety CIS Program Category: Safety Management

Project Manager: Hirt, Todd Indicators of Potential Disadvantage: \_\_\_\_\_

Mileposts: N/A Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON STATE	4.600	5.000	5.200	5.400	5.600	5.800	6.000	6.200	6.200	6.200
<b>Fiscal Year Total</b>	<b>4.600</b>	<b>5.000</b>	<b>5.200</b>	<b>5.400</b>	<b>5.600</b>	<b>5.800</b>	<b>6.000</b>	<b>6.200</b>	<b>6.200</b>	<b>6.200</b>
	<b>Total FY2016-2019</b>			<b>20.200</b>	<b>Total Later FY2020-2025</b>			<b>36.000</b>		

### DB# 99409 Recreational Trails Program

AQCODE: A1

New Jersey's Recreational Trails Program provides grants to public agencies and non-profit organizations for a variety of trail projects. The program is administered by the NJ Department of Environmental Protection, Division of Parks and Forestry. Under the program, a minimum of 30 percent of the project funding must be provided for motorized trail projects (ATVs, dirt bikes, snowmobiles), 30 percent for non-motorized (hiking, biking, horseback riding), and 40 percent for diverse use, which is any combination of motorized and non-motorized trail user types. New Jersey has established a maximum grant award of \$25,000 for non-motorized and diverse projects. Grantees must match 20 percent of the total project costs.

CMP: Not SOV Capacity Adding

Municipalities: \_\_\_\_\_ DVRPC Planning Area: \_\_\_\_\_

CIS Program Subcategory: Intermodal Programs CIS Program Category: Multimodal Programs

Project Manager: Kingsland, Debbie/NJDEP, Parks & Forestry Indicators of Potential Disadvantage: \_\_\_\_\_

Mileposts: N/A Sponsor: NJDEP

Improvement Type: Bicycle/Pedestrian Improvement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC RTP	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900
<b>Fiscal Year Total</b>	<b>0.900</b>	<b>0.900</b>	<b>0.900</b>	<b>0.900</b>	<b>0.900</b>	<b>0.900</b>	<b>0.900</b>	<b>0.900</b>	<b>0.900</b>	<b>0.900</b>
	<b>Total FY2016-2019</b>			<b>3.600</b>	<b>Total Later FY2020-2025</b>			<b>5.400</b>		

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

### DB# X144 Regional Action Program

AQCODE: X9

This is a program of low-cost, quick turn around capital improvements to be accomplished under the management of the NJDOT Office of Landscape Architecture and the Regional Director for Regional Operations in each of the NJDOT regions. Also included is funding for small-scale landscape contracts to minimize adverse effects of a highway where engineering solutions are prohibitive.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Kneidinger/Davis/Kingsland/Sweger

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
EC	STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>4.000</i>				<i>6.000</i>					

### DB# X03A Restriping Program & Line Reflectivity Management System

AQCODE: S11

This program is administered by NJDOT and will provide for the application of long-life pavement markings and raised pavement markers on the state highway system. In addition, a new Line Reflectivity Management Unit was formed within Maintenance Engineering and Operations, to take reflectivity readings of pavement markings in order to more efficiently develop the annual striping program for NJDOT. All equipment purchases will be funded by the NJDOT equipment line item.

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: Safety

CIS Program Category: Safety Management

Project Manager: Kauffman, Raymond / Black, Daniel

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
<b>Phase Fund</b>											
EC	STP	14.000	19.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000	14.000
<b>Fiscal Year Total</b>		<b>14.000</b>	<b>19.000</b>	<b>14.000</b>	<b>14.000</b>	<b>14.000</b>	<b>14.000</b>	<b>14.000</b>	<b>14.000</b>	<b>14.000</b>	<b>14.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>61.000</i>				<i>84.000</i>					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

### DB# X03E Resurfacing Program

AQCODE: S10

This is a comprehensive program of providing renewed riding surfaces to state highways to prolong the life of the pavement and provide a smoother ride for users of the system. The resurfacing program is a key component of 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. The program consists primarily of the 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 on the state highway system and acquisition of essential equipment and materials.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Kauffman, Raymond / Black, Daniel

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STATE	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000
<b>Fiscal Year Total</b>	<b>80.000</b>	<b>80.000</b>	<b>80.000</b>	<b>80.000</b>	<b>80.000</b>	<b>80.000</b>	<b>80.000</b>	<b>80.000</b>	<b>80.000</b>	<b>80.000</b>
<b>Total FY2016-2019</b>			<b>320.000</b>		<b>Total Later FY2020-2025</b>			<b>480.000</b>		

### DB# 99327A Resurfacing, Federal

AQCODE: S10

This program provides for the design and construction of pavement resurfacing projects. This line item will be utilized to provide pavement recommendations, survey, aerial photography, photogrammetry, base mapping and engineering needed to prepare contract documents to advertise resurfacing projects as well as provide for contractor services to construct resurfacing projects. Project lists will be developed by using the Pavement Management System and visual inspection of the roadway segments in need of repair. This line item also funds preliminary engineering for pavement reconstruction projects.

CMP: Not SOV Capacity Adding

Municipalities: Various

DVRPC Planning Area:

CIS Program Subcategory: Roadway Preservation

CIS Program Category: Road Assets

Project Manager: Gresavage, Sue

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC NHPP	27.314	10.000	5.000	5.000	5.000	5.000	5.000	8.000	8.000	8.000
ERC STATE			30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000
<b>Fiscal Year Total</b>	<b>27.314</b>	<b>10.000</b>	<b>35.000</b>	<b>35.000</b>	<b>35.000</b>	<b>35.000</b>	<b>35.000</b>	<b>38.000</b>	<b>38.000</b>	<b>38.000</b>
<b>Total FY2016-2019</b>			<b>107.314</b>		<b>Total Later FY2020-2025</b>			<b>219.000</b>		

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

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

AQCODE: NRS

This program provides funding to update the existing Access database with a system that is approved and supported by the Division of Information Technology. This "next generation" system will have scheduling, document production, management control, GIS and extensive reporting capabilities. All information of the proposed system has been presented to Information Technology and has the advocacy of CPM's senior management as well as the Department's Office of the Inspector General. Occasional upgrades may be required.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Cunningham, Bob

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase Fund		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	0.100	0.095	0.090	0.090	0.090	0.090	0.095	0.095	0.095	0.100
<b>Fiscal Year Total</b>		<b>0.100</b>	<b>0.095</b>	<b>0.090</b>	<b>0.090</b>	<b>0.090</b>	<b>0.090</b>	<b>0.095</b>	<b>0.095</b>	<b>0.095</b>	<b>0.100</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>0.375</i>				<i>0.565</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, it may be necessary to increase consultant force. The agreements will be established based on initial binding amounts of \$10,000, with the funding of individual task order assignments referenced to project specific state and federal right of way accounts.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Cunningham, Bob

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase Fund		2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ROW	STATE	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.100	0.050
ROW	STP	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
<b>Fiscal Year Total</b>		<b>0.150</b>	<b>0.150</b>	<b>0.150</b>	<b>0.150</b>	<b>0.150</b>	<b>0.150</b>	<b>0.150</b>	<b>0.150</b>	<b>0.200</b>	<b>0.150</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>0.600</i>				<i>0.950</i>					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

**DB# X152      Rockfall Mitigation**

AQCODE: X13

This program will provide for the engineering and construction of projects to reduce the potential of rockfall onto highways, creating safety problems which could potentially cause personal injury or property damage. This program will also be utilized to update and maintain 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 forces.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Safety

CIS Program Category: Safety Management

Project Manager: Dalal, Jayant

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC	NHPP	2.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>		<b>2.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
		<u>Total FY2016-2019</u>			<i>5.000</i>	<u>Total Later FY2020-2025</u>			<i>6.000</i>		

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

**Various**

**DB# 99358 Safe Routes to School Program**

AQCODE: A2

This program provides funding for locally initiated pedestrian access and safety projects to provide safe access to schools.

Funding is provided to the states to undertake a Safe Routes to Schools program. Ten to thirty percent of the money must fund enforcement, education and encourage programs. The remaining funding must fund programs leading to the construction of bicycle and pedestrian facilities as well as the salary of a full-time program coordinator. NJDOT designates as Advance Construction all projects funded from this program.

On Feb. 23, 2017, four (4) Safe Routes to School (SRTS) projects in the DVRPC region were awarded a total of \$1,495,000, which will be drawn from the Statewide SRTS line item DB# 99358 at the appropriate time for obligation. These SRTS projects are as follows:

(1) Phase 1: Busansky/Emmons Schools Multimodal Improvements (\$466,000 - Burlington County)  
 (2) Phase 1: SRTS Pedestrian Safety Improvements. Frederick Avenue & S. Clinton Avenue (\$257,000 - Burlington County)  
 (3) SRTS: Eastampton Community School - Pedestrian Multi-Use Path and Walking Route Improvements (\$429,000 - Burlington County)  
 (4) Gloucester City Middle School Improvements and Pedestrian Safety Improvement Program (\$343,000 - Camden County).

DVRPC received applications requesting approximately \$8.4 million in SRTS funds. The projects were evaluated by DVRPC and NJDOT using the agreed upon selection criteria from NJDOT.

CMP: Not SOV Capacity Adding

Municipalities: \_\_\_\_\_ DVRPC Planning Area: \_\_\_\_\_

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

Project Manager: Abuhuzeima, Shukri Indicators of Potential Disadvantage: \_\_\_\_\_

Mileposts: N/A Sponsor: Local Lead

Improvement Type: Bicycle/Pedestrian Improvement  
 This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC SRTS	3.642									
ERC TAP	3.387	5.587	5.587	5.587	5.587	5.587	5.587	5.587	5.587	5.587
<b>Fiscal Year Total</b>	<b>7.029</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>	<b>5.587</b>
	<b>Total FY2016-2019</b>			<b>23.790</b>	<b>Total Later FY2020-2025</b>				<b>33.522</b>	

**DB# 06402 Safe Streets to Transit Program**

AQCODE: A2

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

CMP: Not SOV Capacity Adding

Municipalities: \_\_\_\_\_ DVRPC Planning Area: \_\_\_\_\_

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

Project Manager: Abuhuzeima, Shukri Indicators of Potential Disadvantage: \_\_\_\_\_

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement  
 This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
	<b>Total FY2016-2019</b>			<b>4.000</b>	<b>Total Later FY2020-2025</b>				<b>6.000</b>	

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

**DB# 13307 Salt Storage Facilities - Statewide**

AQCODE: NRS

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:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Transportation Support Facilities

Project Manager: Hatzisavvas, Debby

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC STATE	3.500	2.500	2.500	1.500						
<b>Fiscal Year Total</b>	<b>3.500</b>	<b>2.500</b>	<b>2.500</b>	<b>1.500</b>						
	<b>Total FY2016-2019 10.000</b>				<b>Total Later FY2020-2025</b>					

**DB# 15807 Segment Improvement Program**

**NEW**

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:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Safety Management

Project Manager: Azam/Castaldo

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC HSIP	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
	<b>Total FY2016-2019 4.000</b>				<b>Total Later FY2020-2025 6.000</b>					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

### DB# X239 Sign Structure Inspection Program

AQCODE: NRS

Funding is being provided 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:

DVRPC Planning Area:

CIS Program Subcategory: Quality of Life

CIS Program Category: Bridge Assets

Project Manager: Evans, Jack

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	1.800	1.800	1.800	1.800	1.800					
EC	STP						2.000	2.000	2.000	2.000	2.000
<b>Fiscal Year Total</b>		<b>1.800</b>	<b>1.800</b>	<b>1.800</b>	<b>1.800</b>	<b>1.800</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>		<b>Total Later FY2020-2025</b>			
		7.200				11.800		11.800			

### 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:

DVRPC Planning Area:

CIS Program Subcategory: Quality of Life

CIS Program Category: Bridge Assets

Project Manager: Dalal, Jayant

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation  
This project contains ITS elements.

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC	STP	9.500	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
<b>Fiscal Year Total</b>		<b>9.500</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>		<b>Total Later FY2020-2025</b>			
		15.500				12.000		12.000			

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## Various

**DB# 13347**      **Sign Structure Replacement Contract 2013-1**      **NEW**

AQCODE:    NRS      Initiated by the Bridge Management System, this project will include removal of existing sign structures and replacement with new sign structures that meet all current standards.

CMP:

Municipalities:

CIS Program Subcategory:

Project Manager:      Einthoven, Nicole

Mileposts:              N/A

DVRPC Planning Area:

CIS Program Category: Bridge Assets

Indicators of Potential Disadvantage:

Sponsor: Structural Evaluation and Bridge Management Bureau

Improvement Type:

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON	STATE		7.200								
<b>Fiscal Year Total</b>			<b>7.200</b>								
		<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
		7.200									

**DB# 13348**      **Sign Structure Replacement Contract 2013-2**      **NEW**

AQCODE:    NRS      Initiated by the Bridge Management System, this project will include removal of existing sign structures and replacement with new sign structures that meet all current standards.

CMP:

Municipalities:

CIS Program Subcategory:

Project Manager:      Shah, Samir

Mileposts:              N/A

DVRPC Planning Area:

CIS Program Category: Bridge Assets

Indicators of Potential Disadvantage:

Sponsor: Structural Evaluation and Bridge Management Bureau

Improvement Type:

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON	STATE		8.300								
<b>Fiscal Year Total</b>			<b>8.300</b>								
		<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
		8.300									

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**DB# 14402 Sign Structure Replacement Contract 2015-1** **NEW-G**

**AQCODE:** NRS Initiated by the Bridge Management System, this project will include removal of existing sign structures and replacement with new sign structures that meet all current standards.

**CMP:**

Municipalities:	Various	DVRPC Planning Area:
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	D'Arcy, Ed	Indicators of Potential Disadvantage:
Mileposts:	N/A	Sponsor: NJDOT
Improvement Type:		

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON STATE		11.200								
<b>Fiscal Year Total</b>		<b>11.200</b>								
	<u>Total FY2016-2019</u>		<u>11.200</u>		<u>Total Later FY2020-2025</u>					

**DB# 15334 Sign Structure Replacement Contract 2016-2** **SD**

**AQCODE:** NRS Initiated by the Bridge Management System, this project will include removal of existing sign structures and replacement with new sign structures that meet all current standards.

**CMP:** Not SOV Capacity Adding

Municipalities:		DVRPC Planning Area:
CIS Program Subcategory:		CIS Program Category: Bridge Assets
Project Manager:	Patibandha, Nilesh	Indicators of Potential Disadvantage:
Mileposts:	N/A	Sponsor: NJDOT
Improvement Type:		

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON STATE		13.003								
<b>Fiscal Year Total</b>		<b>13.003</b>								
	<u>Total FY2016-2019</u>		<u>13.003</u>		<u>Total Later FY2020-2025</u>					

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## Various

**DB# 15336 Sign Structure Replacement Contract 2016-4 SD**

**AQCODE:** NRS Initiated by the Bridge Management System, this project will include removal of existing sign structures and replacement with new sign structures that meet all current standards.

**CMP:** Not SOV Capacity Adding

**Municipalities:**

DVRPC Planning Area:

**CIS Program Subcategory:**

CIS Program Category: Bridge Assets

**Project Manager:** Patel, Pankesh

Indicators of Potential Disadvantage:

**Mileposts:** N/A

Sponsor: NJDOT

**Improvement Type:**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON STATE		10.450								
<b>Fiscal Year Total</b>		<b>10.450</b>								
	<b>Total FY2016-2019</b>			<b>10.450</b>	<b>Total Later FY2020-2025</b>					

**DB# 15337 Sign Structure Replacement Contract 2016-5 SD**

**AQCODE:** NRS Initiated by the Bridge Management System, this project will include removal of existing sign structures and replacement with new sign structures that meet all current standards.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Various

DVRPC Planning Area:

**CIS Program Subcategory:**

CIS Program Category: Bridge Assets

**Project Manager:** Hameed, Omar

Indicators of Potential Disadvantage:

**Mileposts:** N/A

Sponsor: NJDOT

**Improvement Type:**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CON STATE		7.800								
<b>Fiscal Year Total</b>		<b>7.800</b>								
	<b>Total FY2016-2019</b>			<b>7.800</b>	<b>Total Later FY2020-2025</b>					

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## Various

### 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:

DVRPC Planning Area:

CIS Program Subcategory: Quality of Life

CIS Program Category: Road Assets

Project Manager: Ghorbani, Ahmad

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STP		1.300								
EC NHPP	0.500	5.800	0.500							
EC STATE	1.500	2.000	2.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000
<b>Fiscal Year Total</b>	<b>2.000</b>	<b>9.100</b>	<b>2.500</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>	<b>3.000</b>
	<b>Total FY2016-2019</b>			<b>16.600</b>	<b>Total Later FY2020-2025</b>				<b>18.000</b>	

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

RETURN

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:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Support

CIS Program Category: Capital Program Delivery

Project Manager: Steinbeiser, Tim

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type:

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STATE	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330	1.330
<b>Fiscal Year Total</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>	<b>1.330</b>
	<b>Total FY2016-2019</b>			<b>5.320</b>	<b>Total Later FY2020-2025</b>				<b>7.980</b>	

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## Various

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

AQCODE: NRS

This program provides reimbursement for State Police services for enforcement and traffic control in construction work zones.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Sheehy, Sean

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STATE	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
<b>Fiscal Year Total</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>	<b>4.000</b>
	<b>Total FY2016-2019</b>			<b>16.000</b>	<b>Total Later FY2020-2025</b>			<b>24.000</b>		

### 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:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Congestion Relief

Project Manager:

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC NHPP	10.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000
<b>Fiscal Year Total</b>	<b>10.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>	<b>15.000</b>
	<b>Total FY2016-2019</b>			<b>55.000</b>	<b>Total Later FY2020-2025</b>			<b>90.000</b>		

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## Various

### 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.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Capital Program Delivery

Project Manager: Davis, Anthony

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type:

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STATE	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
<b>Fiscal Year Total</b>	<b>0.150</b>	<b>0.150</b>	<b>0.150</b>	<b>0.150</b>	<b>0.150</b>	<b>0.150</b>	<b>0.150</b>	<b>0.150</b>	<b>0.150</b>	<b>0.150</b>
<b>Total FY2016-2019</b>				<b>0.600</b>	<b>Total Later FY2020-2025</b>				<b>0.900</b>	

### 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:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Castaldo, Mike

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PLS NHPP	11.810	12.910	12.910	12.910	12.910	12.910	12.910	12.910	12.910	12.910
PLS STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
EC NHPP	0.000			4.900			6.500			
EC STATE				1.000				1.200		
<b>Fiscal Year Total</b>	<b>12.810</b>	<b>13.910</b>	<b>13.910</b>	<b>19.810</b>	<b>13.910</b>	<b>13.910</b>	<b>20.410</b>	<b>15.110</b>	<b>13.910</b>	<b>13.910</b>
<b>Total FY2016-2019</b>				<b>60.440</b>	<b>Total Later FY2020-2025</b>				<b>91.160</b>	

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## Various

**DB# X47 Traffic Signal Replacement**

AQCODE: X1

This program provides for the purchase of materials and installation of new and upgraded traffic signals statewide and related improvements to the operation of signals. This program will provide for the replacement of traffic signals on an annual basis and assist regional operations in the rehabilitation and maintenance of our highway lighting system. It also includes the replacement of energy efficient LED indicators and installation of generators to provide auxiliary power to enable traffic signalization during times of extended power outages. Through a traffic signal management system that will provide a condition rating of the signal equipment integrated with crash data and congestion management system data, this program (to be 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 the signals for replacement based on the above data. The results of the priority locations will be to systematically replace aging signal equipment, optimize the operation of the signal, and provide maximum efficiency of the intersection.

CMP: Not SOV Capacity Adding

Municipalities: \_\_\_\_\_ DVRPC Planning Area: \_\_\_\_\_

CIS Program Subcategory: Safety CIS Program Category: Safety Management

Project Manager: Kingsland, C. William / Black, Daniel Indicators of Potential Disadvantage: \_\_\_\_\_

Mileposts: N/A Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STATE	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
<b>Fiscal Year Total</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>	<b>9.000</b>
	<b>Total FY2016-2019</b>			<b>36.000</b>	<b>Total Later FY2020-2025</b>			<b>54.000</b>		

**DB# X244 Training and Employee Development**

AQCODE: X1

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

CMP: Not SOV Capacity Adding

Municipalities: \_\_\_\_\_ DVRPC Planning Area: \_\_\_\_\_

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

Project Manager: Vannozi, Pat Indicators of Potential Disadvantage: \_\_\_\_\_

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STP	1.000		1.000		1.000		1.000		1.000	
<b>Fiscal Year Total</b>	<b>1.000</b>		<b>1.000</b>		<b>1.000</b>		<b>1.000</b>		<b>1.000</b>	
	<b>Total FY2016-2019</b>			<b>2.000</b>	<b>Total Later FY2020-2025</b>			<b>3.000</b>		

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## 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:

DVRPC Planning Area:

CIS Program Subcategory: Local Aid

CIS Program Category: Local System Support

Project Manager: Bruccoleri, Dave

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
<b>Fiscal Year Total</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>	<b>1.000</b>
	<b>Total FY2016-2019</b>			<b>4.000</b>	<b>Total Later FY2020-2025</b>			<b>6.000</b>		

### DB# X107 Transportation Alternatives Program

AQCODE: X12

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

The New Jersey Transportation Alternative program (TAP) is a competitive federal program established to provide funds for community based "non traditional" surface transportation projects designed to strengthen the cultural, aesthetic, and environmental aspects of the nation's intermodal system. In June 2017, approximately \$5.0 million in funding were awarded to the following projects in the DVRPC region:

- City of Camden's North Camden Waterfront Park Development Project (\$825,000)
- Mount Holly Township's Mount Holly Streetscape Project - High Street Phase II (\$483,000)
- Merchantville Borough's Merchantville Pedestrian Street (\$861,000)
- Hopewell Township's Proposed Mt. Rose Segment of Lawrence Hopewell Trail (\$1,000,000)
- Moorestown Township's Lenola Town Center Improvements Plan (\$971,000)
- Camden County Grove Street Trail Connector (\$255,000)
- Pennington Borough's Downtown Streetscape Improvements Phase II (\$580,000)

These projects will draw from the Statewide TAP line item (DB# X107) at the appropriate time for obligation.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Quality of Life

CIS Program Category: Local System Support

Project Manager: Abuhzeima, Shukri

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Streetscape

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC TAP	5.000	5.000	5.000	5.000	5.000	7.235	7.235	7.235	7.235	7.235
<b>Fiscal Year Total</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>5.000</b>	<b>7.235</b>	<b>7.235</b>	<b>7.235</b>	<b>7.235</b>	<b>7.235</b>
	<b>Total FY2016-2019</b>			<b>20.000</b>	<b>Total Later FY2020-2025</b>			<b>41.175</b>		

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## 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:

DVRPC Planning Area:

CIS Program Subcategory: Congestion Relief

CIS Program Category: Congestion Relief

Project Manager: Kingsland, Debbie

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
PLS	CMAQ	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
<b>Fiscal Year Total</b>		<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>	<b>0.250</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<b>1.000</b>				<b>1.500</b>					

### DB# X126 Transportation Research Technology

AQCODE: X1

This program provides funding for consultant and university research contracts to conduct multimodal transportation related research and knowledge and technology transfer activities on behalf of NJDOT, MVC and NJ Transit. A quick response Treasury selected research consultant as well as basic agreements with universities provides the mechanism to conduct research. Federal State Planning and Research, SPR, funds may be supplemented with state funds in order to meet federal matching requirements. Included in this line item are funds for American Association of State Highway Transportation Officials, (AASHTO), technical service programs and innovative products such as: Product Evaluation Listing; Technology Implementation Group; Technical Assistance for Climate Change, Material Standards, and Materials Reference Laboratory; SHRP product implementation.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Delivery

CIS Program Category: Capital Program Delivery

Project Manager: Crichton-Summers, C

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STATE	0.500	0.750	0.775	0.800	0.900	1.000	1.100	1.200	1.700	2.200
<b>Fiscal Year Total</b>		<b>0.500</b>	<b>0.750</b>	<b>0.775</b>	<b>0.800</b>	<b>0.900</b>	<b>1.000</b>	<b>1.100</b>	<b>1.200</b>	<b>1.700</b>	<b>2.200</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<b>2.825</b>				<b>8.100</b>					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

### DB# 04364 Transportation Safety Resource Center (TSRC)

AQCODE: NRS

This program includes reducing traffic-related fatalities, injuries and crashes by providing traffic and safety engineering services, training activities, and traffic records database support. The center will also provide support to other established programs such as Safety Conscious Planning (SCP), Comprehensive Strategic Highway Safety Plan (CSHSP), Senior Safety and the Safety Management Task Force (SMTF).

CMP:   
 Municipalities:   
 CIS Program Subcategory: Safety DVRPC Planning Area:   
 Project Manager: Castaldo, Mike CIS Program Category: Safety Management   
 Mileposts: N/A Indicators of Potential Disadvantage:   
 Improvement Type: Intersection/Interchange Improvements Sponsor: NJDOT

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STP	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200	1.200
<b>Fiscal Year Total</b>		<b>1.200</b>	<b>1.200</b>	<b>1.200</b>	<b>1.200</b>	<b>1.200</b>	<b>1.200</b>	<b>1.200</b>	<b>1.200</b>	<b>1.200</b>	<b>1.200</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>4.800</i>				<i>7.200</i>					

### 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:   
 CIS Program Subcategory: Capital Program Delivery DVRPC Planning Area:   
 Project Manager: Abbott, Karen CIS Program Category: Capital Program Delivery   
 Mileposts: N/A Indicators of Potential Disadvantage:   
 Improvement Type: Other Sponsor: NJDOT

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
ERC	STATE	23.850	59.250	52.285	46.454	89.019	46.126	94.871	99.721	99.571	98.866
<b>Fiscal Year Total</b>		<b>23.850</b>	<b>59.250</b>	<b>52.285</b>	<b>46.454</b>	<b>89.019</b>	<b>46.126</b>	<b>94.871</b>	<b>99.721</b>	<b>99.571</b>	<b>98.866</b>
		<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
		<i>181.839</i>				<i>528.174</i>					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

**DB# 15344**      **Utility Pole Mitigation**      **NEW**

**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:**

DVRPC Planning Area:

**CIS Program Subcategory:**

CIS Program Category: Capital Program Delivery

**Project Manager:** Martorana, Vince

Indicators of Potential Disadvantage:

**Mileposts:** N/A

Sponsor: NJDOT

**Improvement Type:**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC      HSIP	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175
<b>Fiscal Year Total</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>	<b>0.175</b>
<b>Total FY2016-2019</b>				<b>0.700</b>	<b>Total Later FY2020-2025</b>				<b>1.050</b>	

**DB# X182**      **Utility Reconnaissance and Relocation**

**AQCODE:** NRS      This program reimburses utility companies for design and construction costs incurred when the utility companies are required to relocate facilities due to a transportation improvement project. This program also funds subsurface testing as a mitigation measure to accurately locate and identify underground utilities to moderate or lessen the impact with utility locations during the design and construction phases of a transportation improvement project.

**CMP:** Not SOV Capacity Adding

**Municipalities:**

DVRPC Planning Area:

**CIS Program Subcategory:** Capital Program Delivery

CIS Program Category: Road Assets

**Project Manager:** Martorana, Vince

Indicators of Potential Disadvantage:

**Mileposts:** N/A

Sponsor: NJDOT

**Improvement Type:** Other

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC      STATE	7.000	18.200	18.200	23.200	28.200	28.200	28.200	28.200	28.200	28.200
<b>Fiscal Year Total</b>	<b>7.000</b>	<b>18.200</b>	<b>18.200</b>	<b>23.200</b>	<b>28.200</b>	<b>28.200</b>	<b>28.200</b>	<b>28.200</b>	<b>28.200</b>	<b>28.200</b>
<b>Total FY2016-2019</b>				<b>66.600</b>	<b>Total Later FY2020-2025</b>				<b>169.200</b>	

# DVRPC FY2016-2019 TIP for NJ

New Jersey Statewide Program

Final Version

## Various

### DB# X199 Youth Employment and TRAC Programs

AQCODE: X1

This is a federal grant program that provides employment and training opportunities to at-risk youths in NJ, especially those in urban areas, during annual implementation of the NJDOT Urban Youth Corps Program. This grant also provides funding to support the TRAC Program, which links school systems to the NJDOT by having department engineers volunteer as mentors to introduce students to careers in civil engineering.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory: Capital Program Support

CIS Program Category: Capital Program Delivery

Project Manager: Sterns, Robin

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other

		TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
Phase	Fund	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
EC	STP	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300	0.300
<b>Fiscal Year Total</b>		<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>	<b>0.300</b>
		<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
		1.200				1.800					

**Total for Various:**

756.820	1,040.760	837.858	832.945	871.206	965.792	1,212.452	1,288.452	1,322.052	1,320.052
<u>Total FY2016-2019</u>				<u>Total Later FY2018-2023</u>					
3,468.383				6,980.006					



# STUDY & DEVELOPMENT PROGRAM

DVRPC FY2016-2019 TIP  
for New Jersey

# DVRPC FY2016-2019 TIP for NJ

New Jersey Study and Development Program

Final Version

## Burlington

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

**AQCODE:** SDX      Federal Resurfacing/Rehab project. MP EB 6.55-9.53, 13.65-16.74; WB 6.55-9.6

**CMP:** Not SOV Capacity Adding

**Municipalities:** Moorestown Township; Mount Laurel Township; Lumberton Township; Mount Holly Township      DVRPC Planning Area: Developed Community; Growing Suburb

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

**Project Manager:** Marcellus, Evens      Indicators of Potential Disadvantage:

**Mileposts:** 6.55-16.74      Sponsor: NJDOT

**Improvement Type:**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
			0.000							

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

**AQCODE:** SDN      Traffic delays for multiple signal cycles occur on NJ 73 NB and SB during the AM and PM peaks on weekdays. In both directions the queues block the previous signalized intersections at Atrium Way and Howard Blvd./Rogers Ave. respectively. Traffic delays for multiple signal cycles occur on Church Rd. EB in the PM with queues blocking the previous signal at Arbor Way. Delays of over five minutes per vehicle were observed.

**CMP:** Major SOV Capacity      Adding Subcorr(s): 2C, 13A

**Municipalities:** Mount Laurel Township      DVRPC Planning Area: Developed Community

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

**Project Manager:** Marcellus, Evens      Indicators of Potential Disadvantage:

**Mileposts:** 26.47 - 27.42      Sponsor: NJDOT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
			0.000							



# DVRPC FY2016-2019 TIP for NJ

## New Jersey Study and Development Program

Final Version

### Camden

**DB# 15375 Route 30, Cooper Street to Grove Street**

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

CMP: Not SOV Capacity Adding

Municipalities: Camden City; Collingswood Borough; Audubon Borough; Haddon Heights Borough  
 DVRPC Planning Area: Core City; Developed Community

CIS Program Subcategory: CIS Program Category: Road Assets

Project Manager: Marcellus, Evens Indicators of Potential Disadvantage:

Mileposts: 1.47-7.8 Sponsor: NJDOT

Improvement Type:

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
			0.000							

**DB# 14426 Route 130, Bridge over Big Timber Creek**

AQCODE: SDX Bridge replacement over Big Timber Creek, approaches & drainage. The structure is scour and fracture critical. 0818-151 Rt. 130 over Big Timber Ck., 0419-150 Rt. 130 under RR.

CMP: Not SOV Capacity Adding

Municipalities: Brooklawn Borough; Westville Borough  
 DVRPC Planning Area: Developed Community

CIS Program Subcategory: CIS Program Category: Bridge Assets

Project Manager: Maevsky, Andrew Indicators of Potential Disadvantage:

Mileposts: 25.35 - 25.58 Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<b>Total FY2016-2019</b>				<b>Total Later FY2020-2025</b>					
			0.000							

# DVRPC FY2016-2019 TIP for NJ

New Jersey Study and Development Program

Final Version

## Camden

**DB# X227A2 Route 168, I-295 Interchange Improvements**

AQCODE: SDX

The need for the study is to address the severe congestion and accidents at the interchange. The geometry at the interchange is deficient: Ramps have insufficient deceleration lane length. All four ramps have a substandard exit curve radius of 150' and design speed of 25 MPH. There is insufficient stopping sight distance due to substandard crest vertical curve length between West Maple Avenue and Browning Avenue. Geometric improvement may be required. Representatives of Borough of Bellmawr have reported a drainage problem at the ramp connecting Rt. 168 North to Rt. 295 North. A field meeting is planned to meet with the Superintendent of the Bellmawr Highway Department.

CMP: Not Yet Determined Adding Subcorr(s): 2B  
 Municipalities: Haddon Heights Borough; Mount Ephraim Borough DVRPC Planning Area: Developed Community  
 CIS Program Subcategory: Safety CIS Program Category: Safety Management  
 Project Manager: McCleerey, John Indicators of Potential Disadvantage: 2  
 Mileposts: 7.17 - 7.73 Sponsor: NJDOT  
 Improvement Type: Intersection/Interchange Improvements

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u>			<i>0.000</i>	<u>Total Later FY2020-2025</u>					

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

AQCODE: SDX

Federal Resurfacing/Rehab project.

CMP: Not SOV Capacity Adding  
 Municipalities: Washington Township; Gloucester Township; Runnemede Borough DVRPC Planning Area: Rural Area; Developed Community  
 CIS Program Subcategory: Road Assets CIS Program Category: Road Assets  
 Project Manager: Marcellus, Evens Indicators of Potential Disadvantage:  
 Mileposts: 0.0-5.41 Sponsor: NJDOT  
 Improvement Type:

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u>			<i>0.000</i>	<u>Total Later FY2020-2025</u>					

**Total for Camden:**

0.000	
<u>Total FY2016-2019</u>	<i>0.000</i>
<u>Total Later FY2018-2023</u>	

# DVRPC FY2016-2019 TIP for NJ

New Jersey Study and Development Program

Final Version

## Gloucester

**DB# 15310**      **Route 47, Bridge over Route 295**      **SD**

**AQCODE:** SDX      Initiated by the Bridge Management System, this project will replace the bridge superstructure.

<b>CMP:</b>	Not SOV Capacity Adding	Adding Subcorr(s): 2B, 11A
<b>Municipalities:</b>	Westville Borough	DVRPC Planning Area: Developed Community
<b>CIS Program Subcategory:</b>		CIS Program Category: Bridge Assets
<b>Project Manager:</b>	Marcellus, Evens	Indicators of Potential Disadvantage:
<b>Mileposts:</b>	74	Sponsor: NJDOT
<b>Improvement Type:</b>	Bridge Repair/Replacement	

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u>			<i>0.000</i>	<u>Total Later FY2020-2025</u>					

**Total for Gloucester:**

0.000	
<u>Total FY2016-2019</u>	<i>0.000</i>
	<u>Total Later FY2018-2023</u>

# DVRPC FY2016-2019 TIP for NJ

New Jersey Study and Development 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 DVRPC Planning Area:  
 CIS Program Subcategory: CIS Program Category: Bridge Assets  
 Project Manager: Hameed, Omar Indicators of Potential Disadvantage:  
 Mileposts: N/A Sponsor: NJDOT  
 Improvement Type: Bridge Repair/Replacement

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u>			<i>0.000</i>	<u>Total Later FY2020-2025</u>					

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

AQCODE: SDN

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 DVRPC Planning Area: Developed Community  
 CIS Program Subcategory: CIS Program Category: Safety Management  
 Project Manager: Campi, John Indicators of Potential Disadvantage:  
 Mileposts: 3.827 Sponsor: NJDOT  
 Improvement Type: This project may be suitable for ITS treatments.

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u>			<i>0.000</i>	<u>Total Later FY2020-2025</u>					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Study and Development Program

Final Version

## Mercer

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

AQCODE: SDX     Federal Resurfacing/Rehab project.

CMP: Not SOV Capacity Adding

Municipalities: Trenton City; Hamilton Township     DVRPC Planning Area: Core City; Developed Community

CIS Program Subcategory:     CIS Program Category: Road Assets

Project Manager: Campi, John     Indicators of Potential Disadvantage:

Mileposts: 1.4-5.0     Sponsor: NJDOT

Improvement Type:

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
	0.000									

**DB# 14421     Route 206, Bridge over Stony Brook Flood Channel**

AQCODE: SDX     Problem statement submitted by BMS for Tier 1 Screening. It is recommended for rehabilitation or replacement.

CMP: Not SOV Capacity Adding

Municipalities: Princeton Borough     DVRPC Planning Area: Developed Community

CIS Program Subcategory:     CIS Program Category: Bridge Assets

Project Manager: Bousenberry, Bob     Indicators of Potential Disadvantage:

Mileposts: 52.5     Sponsor: NJDOT

Improvement Type:

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u>				<u>Total Later FY2020-2025</u>					
	0.000									



# DVRPC FY2016-2019 TIP for NJ

New Jersey Study and Development Program

Final Version

## Various

**DB# 15333 Sign Structure Replacement Contract 2016-1**

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Dave, Hardev

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type:

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u>			<i>0.000</i>	<u>Total Later FY2020-2025</u>					

**DB# 15334 Sign Structure Replacement Contract 2016-2**

SD

AQCODE: NRS

Initiated by the Bridge Management System, this project will include removal of existing sign structures and replacement with new sign structures that meet all current standards.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Patibandha, Nilesh

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type:

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u>			<i>0.000</i>	<u>Total Later FY2020-2025</u>					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Study and Development Program

Final Version

## Various

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

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Worth, George

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type:

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u>			<i>0.000</i>	<u>Total Later FY2020-2025</u>					

**DB# 15336 Sign Structure Replacement Contract 2016-4**

SD

AQCODE: NRS

Initiated by the Bridge Management System, this project will include removal of existing sign structures and replacement with new sign structures that meet all current standards.

CMP: Not SOV Capacity Adding

Municipalities:

DVRPC Planning Area:

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Patel, Pankesh

Indicators of Potential Disadvantage:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type:

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u>			<i>0.000</i>	<u>Total Later FY2020-2025</u>					

# DVRPC FY2016-2019 TIP for NJ

New Jersey Study and Development Program

Final Version

## Various

**DB# 15337      Sign Structure Replacement Contract 2016-5      SD**

**AQCODE:** NRS      Initiated by the Bridge Management System, this project will include removal of existing sign structures and replacement with new sign structures that meet all current standards.

**CMP:** Not SOV Capacity Adding

**Municipalities:** Various

**DVRPC Planning Area:**

**CIS Program Subcategory:**

**CIS Program Category:** Bridge Assets

**Project Manager:** Hameed, Omar

**Indicators of Potential Disadvantage:**

**Mileposts:** N/A

**Sponsor:** NJDOT

**Improvement Type:**

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
CD	0.000									
<b>Fiscal Year Total</b>	<b>0.000</b>									
	<u>Total FY2016-2019</u> 0.000				<u>Total Later FY2020-2025</u>					

**Total for Various:**

0.000	
<u>Total FY2016-2019</u> 0.000	<u>Total Later FY2018-2023</u>