# **New Jersey Statewide Program**

**Final Version** 

NEW

### Gloucester

Project Manager:

DB# 16322 ADA South, Contract 5

AQCODE: A2 This project will make DB: 11422 UPC: 114220 - Rt. 9, Meadowview Ave. to Garden State Parkway, Pavement & DB:

13333 UPC: 133330 - Rt. 47 CR 690 to Howard St. ADA compliant.

CMP: Not SOV Capacity Adding

Municipalities: Clayton Borough Planning Center: None

CIS Program Subcategory: CIS Program Category: Multimodal Programs

Kennard, Amy

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement Mapped: Y

	TIP P	rogram Yea	rs (\$ millio	ns)		Later Fiscal Years (\$ millions)				
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CON STATE		1.360								
Fiscal Year Total		1.360								
	<u>Tota</u>	I FY2018-20	<u>21</u> ′	.360		<u>Total La</u>	ater FY2022	<u>-2027</u>		

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

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

# **New Jersey Statewide Program**

**Final Version** 

### Mercer

DB# 15322

**Delaware & Raritan Canal Bridges** 

SD

AQCODE: S19

Initiated by the Bridge Management System, this project provides for Concept Development studies on the following structures along the Delaware and Raritan Canal: Carnegie Road, Bridge over D&R Feeder Canal; County Route 571 (Washington Road), Bridge over D&R Canal; Landing Lane (CR 609), Bridge over D&R Canal; Route 206, Bridge over D&R Feeder Canal; River Drive, Bridge over D&R Feeder Canal; Bridge over D&R Feeder Canal at Lock No. 3; Coryell Street, Bridge over D&R Feeder Canal; CR 533 (Quaker Road), Bridge over D&R Canal; Manville Causeway (CR623), Bridge over D&R Canal; Chapel Drive at CR 623, Bridge over D&R Canal. The project also provides emergency superstructure replacement and substructure rehabilitation for CR 518 (Georgetown-Franklin Rd), Bridge over D&R Canal and an emergency total structure replacement of CR 514 (Amwell Road), Bridge over D&R Canal.

CMP: Not SOV Capacity Adding Adding Subcorr(s): 4A, 8A, 14A

Municipalities: Various Planning Center: Metropolitan Subcenter

CIS Program Subcategory: CIS Program Category: Bridge Assets

Project Manager: Hameed, Omar IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement Mapped: Y

		TIP P	rogram Yea	rs (\$ millior	ns)		)				
Phase		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PE	STATE		1.000								
DES	STATE			1.200							
CON	STATE				10.050						
Fiscal Y	ear Total		1.000	1.200	10.050						
		<u>Tota</u>	I FY2018-20	<u>21</u> 12	2.250		Total La	ater FY2022	<u>-2027</u>		

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

1.000 1.200 10.050	
Total FY2018-2021 12.250	Total Later FY2022-2027

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X12 Acquisition of Right of Way

AQCODE: NRS This program funds advanced acquisition and/or demolition of; key right of way parcels, easements, transportation

facilities, and access and development rights, in order to preserve transportation corridors for future transportation use.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway New Capacity Mapped: Y

TIP P	rogram Yea	rs (\$ millior	ıs)		s)				
2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
<u>Total</u>	l FY2018-20	<u>21</u> 2	.000		Total L	ater FY2022	<u>-2027</u>	3.000	
	2018 0.500 0.500	2018         2019           0.500         0.500           0.500         0.500	2018         2019         2020           0.500         0.500         0.500           0.500         0.500         0.500	0.500         0.500         0.500         0.500           0.500         0.500         0.500         0.500	2018         2019         2020         2021         2022           0.500         0.500         0.500         0.500         0.500           0.500         0.500         0.500         0.500         0.500	2018         2019         2020         2021         2022         2023           0.500         0.500         0.500         0.500         0.500         0.500           0.500         0.500         0.500         0.500         0.500         0.500	2018         2019         2020         2021         2022         2023         2024           0.500         0.500         0.500         0.500         0.500         0.500         0.500           0.500         0.500         0.500         0.500         0.500         0.500         0.500	2018         2019         2020         2021         2022         2023         2024         2025           0.500         0.500         0.500         0.500         0.500         0.500         0.500         0.500           0.500         0.500         0.500         0.500         0.500         0.500         0.500	2018         2019         2020         2021         2022         2023         2024         2025         2026           0.500

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

AQCODE: X1

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

CMP: Minor SOV Capacity

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: Mirza, Wasif IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements Mapped: Y

This project contains ITS elements.

	TIP P	rogram Yea	rs (\$ millioı	ns)		Later Fiscal Years (\$ millions)				
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC CMAQ		6.000	7.000	13.000						
Fiscal Year Total		6.000	7.000	13.000						
	<u>Tota</u>	I FY2018-20	<u>21</u> 26	5.000		Total La	iter FY2022	<u>-2027</u>		

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 11344

**ADA Curb Ramp Implementation** 

AQCODE: A2

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

Planning Center: None

Sponsor: NJDOT

3.000

3.000

3.000

3.000

3.000

CMP: Not SOV Capacity Adding

Municipalities:

CIS Program Subcategory: CIS Program Category: Multimodal Programs

Project Manager: Section, Chrystal IP

Mileposts: N/A

Improvement Type: Bicycle/Pedestrian Improvement Mapped: Y

3.000

TIP Program Years (\$ millions) Later Fiscal Years (\$ millions) 2022 2027 Phase Fund 2018 2019 2020 2021 2023 2024 2025 2026 FRC 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 2.000 ERC STRGE 6.291 4.378 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000

3.000

<u>Total FY2018-2021</u> 20.669 <u>Total Later FY2022-2027</u> 18.000

3.000

#### DB# 08415

#### **Airport Improvement Program**

6.378

8.291

AQCODE: NRS

**Fiscal Year Total** 

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

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Airport Assets

Project Manager: Patel, Ashwin IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

This project may be suitable for ITS treatments.

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

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

Project Manager:

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.

Britton, Jim

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

DB# 01335 Betterments, Dams

AQCODE: X1 This program provides funding for NJ Department of Environmental Protection mandated cyclic (2 year) inspections and

the preparation and maintenance of Emergency Action Plans (EAP), Operations and Maintenance Manuals (O&M) and Hydrology and Hydraulics (H&H) engineering studies for NJDOT owned dams. If needed, minor improvements will be

provided for hydraulically inadequate dams located on the state highway system.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Renman, Greg IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X72B Betterments, Roadway Preservation

AQCODE: NRS This is an ongoing program of minor improvements to the state highway system for miscellaneous maintenance repair

contracts, repair parts, miscellaneous needs for emergent projects, handicap ramps, and drainage

rehabilitation/maintenance

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Kauffman, Raymond / Black, Daniel IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation Mapped: Y

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

DB# X72C Betterments, Safety

AQCODE: NRS This is an ongoing program of minor improvements to the state highway system such as beam guide rail and impact

attenuators, as well as safety fencing.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Safety CIS Program Category: Safety Management

Project Manager: Tunnard/Bhanderi IPI

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements Mapped: Y

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

## **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.

IPD:

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Bremer-Nei, Elise

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement Mapped: Y

This project may be suitable for ITS treatments.

		TIP P	rogram Yea	rs (\$ millior	ıs)	Later Fiscal Years (\$ millions)					
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC	CMAQ	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
ERC	STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
ERC	TAP	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500	2.500
Fiscal Y	ear Total	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000	6.000
	<u>Total FY2018-2021</u> 24.000					<u>Total Later FY2022-2027</u> 36.000					

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

AQCODE: S19

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

IPD:

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: Hecht, Dana

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement Mapped: N

		TIP P	rogram Yea	rs (\$ million	s)	Later Fiscal Years (\$ millions)						
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC	BRIDGE-OFF	1.023	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
ERC	NHPP	0.100	0.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
Fiscal Y	ear Total	1.123	1.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	
		<u>Tota</u>	I FY2018-20	<u>)21</u> 12	.123		<u>Total L</u>	ater FY2022	<u>-2027</u> 3	80.000		

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 98315

**Bridge Emergency Repair** 

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Neuman, Roy

Mileposts: Sponsor: NJDOT

Improvement Type: Mapped: Y Bridge Repair/Replacement

**TIP Program Years (\$ millions)** 

Later Fiscal Years (\$ millions)

Phase Fund STATE **Fiscal Year Total** 

ı	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	50.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000
	50.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000

IPD:

Total FY2018-2021 215.000 Total Later FY2022-2027

**DB# X07A Bridge Inspection** 

AQCODE: X3 This program provides regular structural inspection of state highway, NJ Transit highway-carrying bridges and local bridges as required by federal law. This program also enables the in-depth scour evaluation of potentially scour susceptible bridges. This program also provides regular inspection of State-owned tunnels.

CMP: Not SOV Capacity Adding

Municipalities: Various

CIS Program Subcategory: **Bridge Preservation** 

Project Manager: Evans, Jack

Mileposts: N/A

Planning Center: None

CIS Program Category: Bridge Assets

IPD:

Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement Mapped: N

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund								
EC	BRIDGE-OFF								
EC	NHPP								
EC	STBGP								
Fiscal Y	Fiscal Year Total								

2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
3.000	7.000	3.460	7.730	3.620	8.070	3.780	8.400	3.780	8.400
14.000	12.600	12.900	11.900	14.800	13.300	14.000	13.000	16.100	14.400
7.750	11.100	7.140	10.270	7.680	10.930	7.820	11.200	8.520	12.100
24.750	30.700	23.500	29.900	26.100	32.300	25.600	32.600	28.400	34.900

108.850 Total FY2018-2021 Total Later FY2022-2027

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 14404

**Bridge Maintenance and Repair, Movable Bridges** 

AQCODE:

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

CMP: Not SOV Capacity Adding

Municipalities:

CIS Program Subcategory:

CIS Program Category: Bridge Assets

Project Manager: Eskander, Silvia Mileposts:

Sponsor: NJDOT

Planning Center: None

Improvement Type:

Bridge Repair/Replacement

Mapped: Y

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund **Fiscal Year Total** 

2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
21.600	28.500	28.500	28.500	28.500	28.500	29.456	31.004	32.629	35.836
21.600	28.500	28.500	28.500	28.500	28.500	29.456	31.004	32.629	35.836
	T / 1 EV/2010 2001					/ E)/000		05.005	

Later Fiscal Years (\$ millions)

DB# 17357

**Bridge Maintenance Fender Replacement** 

NEW

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities:

Project Manager:

Planning Center: None

CIS Program Subcategory: CIS Program Category: Bridge Assets

Miller, John

Mileposts: Sponsor: NJDOT

**TIP Program Years (\$ millions)** 

Improvement Type: Mapped: Y Bridge Repair/Replacement

Phase Fund STBGF ERC

**Fiscal Year Total** 

2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
1.000	1.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
6.000	6.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
Tota	I FY2018-20	<u>21</u> 30	.000		Total L	ater FY2022	-2027 5	4.000	

IPD:

Dec. 4, 2019 **Page 116** 

# **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 17358 Bridge Maintenance Scour Countermeasures

NEW

AQCODE: X13

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

Sponsor: NJDOT

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Bridge Assets

Project Manager: Miller, John IP

Mileposts: N/A

Improvement Type: Bridge Repair/Replacement Mapped: Y

TIP Program Years (\$ millions)						Later Fiscal Years (\$ millions)						
Phase	Fund	2	018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC	NHPP	2	.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
ERC	STBGP	1	.000	1.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
Fiscal Y	ear Total	3	000	6.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
			<u>Tota</u>	l FY2018-20	<u>21</u> 27	.000		<u>Total L</u>	ater FY2022	<u>-2027</u> 5	4.000	

DB# X70 Bridge Management System

AQCODE: NRS This is a program for the development, improvement, and implementation of New Jersey's Bridge Management System, a

computerized system of analyzing bridge rehabilitation and replacement needs.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Kasbekar, Nat IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement Mapped: Y

			TIP P	rogram Yea	rs (\$ million	ıs)	Later Fiscal Years (\$ millions)					
Phase	Fund	2	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC	STBGP	0	.950	0.950	0.950	1.000	1.000	1.000	1.000	1.050	1.050	1.050
Fiscal Ye	ear Total	0	.950	0.950	0.950	1.000	1.000	1.000	1.000	1.050	1.050	1.050
			<u>Total</u>	FY2018-20	<u>21</u> 3	.850		Total L	ater FY2022	<u>-2027</u>	6.150	
		<u> </u>										

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 13323

**Bridge Preventive Maintenance** 

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities:

CIS Program Subcategory:

Project Manager:

Kauffman, Raymond / Najem, Atta

Mileposts:

Improvement Type: Bridge Repair/Replacement Planning Center: None

CIS Program Category: Bridge Assets

IPD:

Sponsor: NJDOT

Mapped: Y

TIP Program Years (\$ millions)					Later Fiscal Years (\$ millions)							
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC	HWYINF	8.926										
EC	RCA		1.081									
EC	NHPP	15.000	10.500	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000	
EC	STATE	25.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000	
EC	STBGP	11.070	32.500	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000	
Fiscal Y	ear Total	59.996	74.081	55.000	55.000	55.000	55.000	55.000	55.000	55.000	55.000	
		<u>Tota</u>	I FY2018-20	<u>)21</u> 244	1.077		<u>Total L</u>	ater FY2022	<u>2-2027</u> 3:	30.000		

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

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

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Renman, Greg

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Mapped: Y Bridge Repair/Replacement

		TIP	Later Fiscal Years (\$ millions)								
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC	NHPP	2.764	2.800	3.572	15.458	11.378	8.672	48.426	43.702	68.325	70.861
ERC	STATE	1.600	22.638	22.038	22.038	2.038	22.038	107.038	98.500	98.500	98.500
Fiscal Y	ear Total	4.364	25.438	25.610	37.496	13.416	30.710	155.464	142.202	166.825	169.361
		To	tal FY2018-2	<u>021</u> 92	2.907		<u>Total</u>	Later FY202	<u>2-2027</u> 6	677.977	

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 98316 Bridge Scour Countermeasures

AQCODE: NRS This program provides funding for bridge scour countermeasure contracts, which provide critical protection to various

bridge substructure elements, extending the life of state bridges which span waterways. Theses contracts will be awarded

IPD:

based on an approved list of bridges considering the availability and regional breakdown of funding.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Renman, Greg

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement Mapped: Y

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

DB# 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

IPD:

the NJDOT in order to ensure accurate billing of project costs.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: DeLucia, Barbara

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 02379

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

AQCODE: NRS

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

CMP: Minor SOV Capacity

Municipalities: Planning Center: None

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

Project Manager: Mirza, Wasif IPD:

Mileposts: N/A

Improvement Type: Signal/ITS Improvements Mapped: Y

This project contains ITS elements.

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Sponsor: NJDOT

Planning Center: None

Phase Fund

ERC STATE

Fiscal Year Total

2.000 2.000 2.000 2.000 2.000	2.000	0.000			
2.000 2.000	2.000	2.000	2.000	2.000	2.000
2.000 2.000 2.000 2.000 2.000	2.000	2.000	2.000	2.000	2.000
<u>Total FY2018-2021</u> 8.000	Total L	ater FY2022	<u>-2027</u> 1	2.000	

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

AQCODE: NRS This is a program of low-cost, quick-turnaround capital improvements to relieve congestion at key bottleneck locations

throughout the state.

CMP: Minor SOV Capacity

Municipalities:

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

Project Manager: Cap Prog Com IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements Mapped: Y

This project contains ITS elements.

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

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X180 Construction Inspection

AQCODE: NRS In order to provide inspection of construction projects on an as-needed basis, the NJDOT provides term agreements. This

service also provides materials inspection of structural steel and precast concrete produced at out-of-state fabrication

IPD:

facilities

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Bhavsar, Yogesh

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

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,

IPD:

Materials and Civil Rights including annual licensing fees.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Bhavsar, Yogesh

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements Mapped: Y

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

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X242

**Crash Reduction Program** 

AQCODE: S

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

Sponsor: NJDOT

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Safety CIS Program Category: Safety Management

Project Manager: Azam/Castaldo IP

Mileposts: N/A

Improvement Type: Intersection/Interchange Improvements Mapped: N

**TIP Program Years (\$ millions)** Later Fiscal Years (\$ millions) Phase Fund 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 **Fiscal Year Total** 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 Total FY2018-2021 20.000 Total Later FY2022-2027 30.000

DB# 09316 Culvert Replacement Program

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Bridge Assets

Project Manager: Dalal, Jayant IPE

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement Mapped: Y

			TIP Program Years (\$ millions)					Later Fiscal Years (\$ millions)						
Phase	Fund	20	18	2019	2020	2021	2022	2023	2024	2025	2026	2027		
ERC	STATE	2.0	000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000		
ERC	STBGP	1.8	300	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
Fiscal Y	ear Total	3.8	00	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000		
			<u>Tota</u>	I FY2018-20	<u>21</u> 12	.800		<u>Total L</u>	ater FY2022	<u>-2027</u> 1	8.000			

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X142 DBE Supportive Services Program

AQCODE: NRS This is a federal grant program which provides support to individual Disadvantaged Business Enterprise (DBE) contractors

through technical assistance, on-site visits, DBE conferences, newsletters, and similar types of assistance. This program will also support the technology required to monitor, maintain and create reports on program particulars and DBE progress.

IPD:

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Harper, Lydia

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

**TIP Program Years (\$ millions)** Later Fiscal Years (\$ millions) 2027 2019 2020 2021 2022 2023 2024 2025 2026 Phase Fund 2018 STRGE 0.648 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 **Fiscal Year Total** 0.648 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 0.330 Total FY2018-2021 1.638 Total Later FY2022-2027 1.980

DB# X106 Design, Emerging Projects

AQCODE: X1 This program provides initial funding for Capital Program Management task order agreements as well as projects

emerging from concept development. Funding is also provided for review of projects and for advanced design services which include, but are not limited to the following functions: development of base plan for final design; location of existing features within footprints, such as project monumentation, topography, utilities and drainage, using Subsurface Utility Engineering (SUE), General Field survey, Global Positioning System survey, Primary Control survey and Aerial photography; geotechnical work, specifically soil borings; administrative work needed to set budgets and manpower for

right of way acquisition; asbestos surveying or plans, specifications and air monitoring for abatement process.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 05342

**Design, Geotechnical Engineering Tasks** 

AQCODE: X

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.

IPD:

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None
Capital Program Delivery CIS Program Category: Capital Program Delivery

CIS Program Subcategory: Capital Program Project Manager: Dalal, Jayant

Mileposts: N/A

Sponsor: NJDOT

Improvement Type: Other Mapped: Y

TIP Program Years (\$ millions) Later Fiscal Years (\$ millions) 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 Phase Fund DES STATE 0.500 0.500 0.500 0.500 0.500 0.500 **Fiscal Year Total** 0.500 0.500 0.500 0.500 0.500 0.500 Total FY2018-2021 1.000 Total Later FY2022-2027 2.000

DB# X197 Disadvantaged Business Enterprise

AQCODE: NRS

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

IPD:

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None
Capital Program Support CIS Program Category: Capital Program Delivery

CIS Program Subcategory: Capital Program Support Project Manager: Tilghman-Ansley, Vicki

ct wanager.

Mileposts: N/A

N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

**TIP Program Years (\$ millions)** Later Fiscal Years (\$ millions) Phase Fund 2022 2026 2027 2018 2019 2020 2021 2023 2024 2025 STRGE FC 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 **Fiscal Year Total** 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 Total FY2018-2021 0.400 Total Later FY2022-2027 0.600

# **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X154D Drainage Rehabilitation & Improvements

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

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Kauffman, Raymond / Black, Daniel IPD:

Mileposts: N/A

Improvement Type: Roadway Rehabilitation Mapped: Y

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

Sponsor: NJDOT

Sponsor: NJDOT

DB# X154 Drainage Rehabilitation and Maintenance, State

AQCODE: NRS This program provides funding for the rehabilitation and maintenance of state highway drainage systems, which may

include: removal of material, video inspection, contract salary costs, retrofitting inlet covers due to Stormwater

Management Regulations, acquisition and maintenance of specialized drainage equipment.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Kauffman, Raymond / Black, Daniel IPI

Mileposts: N/A

Improvement Type: Roadway Rehabilitation Mapped: Y

This project may be suitable for ITS treatments.

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

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X241 Electrical Facilities

AQCODE: NRS This program provides funding for purchasing materials, and for replacement, repair, preservation, and installation of

electrical facilities along the state highway system. Included in this program are; highway lighting, sign lighting, cathodic

IPD:

protection for bridges, road weather information systems, and traffic counting/monitoring sites.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Capital Program Support CIS Program Category: Road Assets

Project Manager: Kauffman, Raymond / Black, Daniel

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements Mapped: Y

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

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

AQCODE: NRS This program provide provides funding for the betterment of existing highway lighting facilities when those facilities do not

comply with current electrical codes and/or replacement equipment is not available. Due to high traffic volumes, maintenance of these existing facilities is hazardous to NJDOT personnel. The use of high-mast lighting will be

investigated. ROW acquisition may be required.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Capital Program Support CIS Program Category: Road Assets

Project Manager: Kauffman, Raymond / Black, Daniel IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Streetscape Mapped: Y

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

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

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

AQCODE: X13

Project Manager:

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

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Capital Program Delivery

Burd, Robert

Mileposts: N/A

Sponsor: NJDOT

IPD:

Improvement Type:

Mapped: Y Other

	Later Fiscal Years (\$ millions)									
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
Fiscal Year Total	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500
	<u>Tota</u>	I FY2018-20	<u>21</u> 6	.000		Total L	ater FY2022	<u>-2027</u>	9.000	

**DB# X75 Environmental Investigations** 

AQCODE:

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

CMP: Not SOV Capacity Adding

Capital Program Delivery

Municipalities:

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Capital Program Delivery

Project Manager:

IPD:

Mileposts: N/A

Sponsor: NJDOT

Improvement Type:

Other Mapped: Y

	TIP P	rogram Yea	rs (\$ million	s)	Later Fiscal Years (\$ millions)					
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Fiscal Year Total	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
	<u>Tota</u>	I FY2018-20	<u>21</u> 20	.000		Total L	ater FY2022	<u>-2027</u> 3	30.000	

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 03309

**Environmental Project Support** 

AQCODE: X

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.

IPD:

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Sweger, Joseph

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

**TIP Program Years (\$ millions)** Later Fiscal Years (\$ millions) 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 Phase Fund ERC STATE 0.500 0.500 0.500 0.500 0.600 0.600 0.600 0.600 0.600 0.600 **Fiscal Year Total** 0.500 0.500 0.500 0.500 0.600 0.600 0.600 0.600 0.600 0.600 Total FY2018-2021 2.000 Total Later FY2022-2027 3.600

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

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Kauffman, Raymond / Schmidt

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

	TIP P	rogram Yea	ars (\$ millio	ns)	Later Fiscal Years (\$ millions)						
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC STATE	22.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	
Fiscal Year Total	22.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	
	<u>Tota</u>	ıl FY2018-20	<u>021</u> 97	7.000		<u>Total L</u>	ater FY2022	<u>2-2027</u> 1:	50.000		

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X15A

**Equipment, Snow and Ice Removal** 

Kauffman/Schmidt

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory:

Project Manager:

CIS Program Category: Transportation Support Facilities

IPD:

Mileposts: N/A

N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation Mapped: Y

TIP Program Years (\$ millions) Later Fiscal Years (\$ millions) 2018 2019 2021 2022 2023 2026 2027 Phase Fund 2020 2024 2025 8.000 8.000 8.000 8.000 8.000 8.000 8.000 8.000 8.000 8.000 8.000 **Fiscal Year Total** 8.000 8.000 8.000 8.000 8.000 8.000 8.000 8.000 8.000 Total FY2018-2021 32.000 Total Later FY2022-2027 48.000

DB# 00377 Ferry Program

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

acilities

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Clifton, Genevieve IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

This project may be suitable for ITS treatments.

	TIP P	rogram Yea	rs (\$ million	s)	Later Fiscal Years (\$ millions)						
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC FBP	4.000	9.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
Fiscal Year Total	4.000	9.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	
	<u>Tota</u>	l FY2018-20	<u>21</u> 21.	.000		Total L	ater FY2022	<u>-2027</u> 2	24.000		

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 09388

**Highway Safety Improvement Program Planning** 

AQCODE: NRS

This item consists of two programs: Safety Management System (SMS) safety improvement projects and Rail-Highway safety improvement projects. SMS, through guidance of the HSIP (23 CFR 924), identifies, prioritizes and implements safety programs and projects associated with safe corridors and intersection improvement programs in an effort to reduce crashes and crash severity on New Jersey's roadways. Safe Corridor Program currently includes portions of Rt. 1, 9, 22, 40, 46, 47, 73 and 206. The Intersection Improvement Program includes right angle, left turn, same direction and pedestrian crash intersection locations. Rail-Highway Program will continue onsite inspection of public grade crossing to identify rail-highway grade crossing hazards to develop and implement rail-highway grade crossing safety improvements.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Safety Management

Azam/Castaldo Project Manager: IPD:

N/A Mileposts: Sponsor: NJDOT

Improvement Type: Mapped: Y Intersection/Interchange Improvements

This project may be suitable for ITS treatments.

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

2024

Phase Fund

**Fiscal Year Total** 

2018 2019 2020 2021 4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.000

4.000 4.000 4.000 4.000 4.000 4.000 4.000 4.000

2023

2025 2026 2027 4.000 4.000 4.000 4.000

Total FY2018-2021 24.000 16.000 Total Later FY2022-2027

2022

#### DB# 15343

### Intelligent Traffic Signal Systems

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

CMP: Minor SOV Capacity

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: Mirza, Wasif

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Mapped: Y Signal/ITS Improvements

This project contains ITS elements.

TIP	Program	Years	(\$	millions)

### Later Fiscal Years (\$ millions)

Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC CMAQ	20.000	20.000	20.000	20.000	25.000	25.000	25.000	25.000	25.000	25.000
Fiscal Year Total	20.000	20.000	20.000	20.000	25.000	25.000	25.000	25.000	25.000	25.000
		Total L	ater FY2022	2-2027 1	50.000					

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 13304 Intelligent Transportation System Resource Center

AQCODE: NRS This program includes the development of a statewide Intelligent Transportation Systems (ITS) Strategic Plan, ITS

Deployment Plan, and a Work Zone Mobility Monitoring Program. The center will also conduct research, operational tests, evaluation of deployment scenarios and strategies, training and outreach to develop best practices for implementation of

ITS.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: Kingsland, C. William IP

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements Mapped: Y

This project contains ITS elements.

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

DB# 98333 Intersection Improvement Program (Project Implementation)

AQCODE: NRS This program provides for the implementation of safety and operational improvements at intersections identified by the

Highway Safety Improvement Program as having significant safety problems. This program also includes right angle, left

turn and pedestrian crash occurrences at intersection locations.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Safety CIS Program Category: Safety Management

Project Manager: Azam/Castaldo

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements Mapped: Y

This project may be suitable for ITS treatments.

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

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X151 Interstate Service Facilities

AQCODE: NRS This program provides for the development and implementation of improvements and landscaping to the network of

interstate highway service facilities.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Quality of Life CIS Program Category: Road Assets

Project Manager: Hatzisavvas, Debby

Mileposts: N/A

Improvement Type: Streetscape Mapped: Y

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

DB# 13305 Job Order Contracting Infrastructure Repairs, Statewide

AQCODE: NRS This program implements the use of Job Order Contracting to better manage and control costs associated with

transportation infrustructure repairs (e.g. fixed bridge; movable bridge; roadway drainage systems; roadway repair; lighting

Sponsor: NJDOT

etc.). This program utilizes a 3rd party vendor to control the bid award process for transportation projects with an

estimated repair cost under \$1M per project.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Bridge Assets

Project Manager: Kauffman/Ghorbani/Neuman

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

# **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X137 Legal Costs for Right of Way Condemnation

AQCODE: NRS This program provides reimbursement to the Division of Law for legal work performed in connection with right of way

condemnation and capital project litigation.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Stevenson, Debbie

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

#### **TIP Program Years (\$ millions)** Later Fiscal Years (\$ millions) Phase Fund 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 **Fiscal Year Total** 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 Total FY2018-2021 Total Later FY2022-2027 9.600

DB# 06327 Local Aid Grant Management System

AQCODE: NRS This program provides for the development and implementation of a web-based grant management system to facilitate

customer service to grantees and enable better management of grant funds, both state and federal.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Abuhuzeima, Shukri IP

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation Mapped: Y

	TIP P	rogram Yea	rs (\$ million	s)	Later Fiscal Years (\$ millions)							
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		
EC STATE	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160		
Fiscal Year Total	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160	0.160		
	<u>Total FY2018-2021</u> 0.640					<u>Total Later FY2022-2027</u> 0.960						

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X186 Local Aid. Infrastructure Fund

AQCODE: NRS

Authorizes the Commissioner of Transportation, at the commissioner's discretion, to allocate State Aid to counties and municipalities for transportation projects. Permits funding for the replacement or rehabilitation of orphan bridges. In the fiscal year commencing July 1, 2016, any amount appropriated to the Local Aid Infrastructure Fund above \$7,500,000 shall be deposited into the State Transportation Infrastructure Bank Fund, established pursuant to section 34 of P.L.2016, and 56 (C. 58.14.8.4.0.4).

IPD:

IPD:

c.56 (C.58:11B-10.4)

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Bruccoleri, Dave

Mileposts: N/A Sponsor: Local Lead

Improvement Type: Roadway Rehabilitation Mapped: Y

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

DB# 08387 Local Bridges, Future Needs

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

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Bridge Preservation CIS Program Category: Local System Support

Project Manager: Broccoleri, Dave

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement Mapped: Y

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

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 17390 Local Freight Impact Fund

NEW

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Local System Support

Project Manager: Bruccoleri, Dave IF

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

This project may be suitable for ITS treatments.

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

DB# X98Z Local Municipal Aid, Urban Aid

AQCODE: NRS This program provides funds allocated to Urban Aid for transportation improvements under the NJ Transportation Trust

Fund Act.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Abuhuzeima, Shukri Ip

Mileposts: N/A Sponsor: Local Lead

Improvement Type: Roadway Rehabilitation Mapped: Y

**TIP Program Years (\$ millions)** Later Fiscal Years (\$ millions) Phase Fund 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 FRC 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 **Fiscal Year Total** 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 10.000 40.000 60.000 Total FY2018-2021 Total Later FY2022-2027

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X196 Maintenance & Fleet Management System

AQCODE: NRS

This program provides for the continued operation and system upgrades of the Maintenance & Fleet Management Systems. These systems provide enhanced data accumulation and cost management dissemination capabilities for maintenance operations and a required compatible data source for related systems that are required for federal funding justification (Pavement and Bridge Management Systems). Also included will be the purchase of equipment for the NJDOT fleet and funding for monthly air-time fees.

IPD:

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Roadway Preservation CIS Program Category: Transportation Support Facilities

Project Manager: Kauffman, Ray

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

### DB# 01309 Maritime Transportation System

AQCODE: NRS

This program provides funding to support New Jersey's Maritime Industry and Marine Transportation System. The system includes; navigable channels, the State Channel Dredging Program and dredged material management technologies, marine environment enhancements, berth and terminal structures, related intermodal transportation facilities and corridors, shipping, receiving and cargo movement tracking systems, GPS/GIS, Vessel Traffic and Port Information Systems, Physical Oceanographic Real-Time Systems, science, technology and education programs. Navigation aides, boat building technologies, ocean habitat tracking systems and other new technologies interact to create a seamless system linking all aspects of the maritime industry into a single transportation matrix.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Clifton, Genevieve

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

This project may be suitable for ITS treatments.

	TIP P	rs (\$ million	Later Fiscal Years (\$ millions)									
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		
EC STATE	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000		
Fiscal Year Total	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000		
	<u>Total FY2018-2021</u> 36.000						<u>Total Later FY2022-2027</u> 54.000					

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 17341 Minor Bridge Inspection Program

NEW

AQCODE: NRS

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

IPD:

99322

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Bridge Assets

Project Manager: Renman, Greg

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement Mapped: Y

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

### 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.

IPD:

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Genovese, Tony

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 13306

**Mobility and Systems Engineering Program** 

AQCODE: NRS

This combined program seeks to improve mobility inclusive of but not limited to Intelligent Transportation Systems (ITS), Traffic Signal Timing and Optimization, monitoring Workzone Mobility and Advanced Traveler Information System (ATIS) programs. A combined program will allow for improved, cohesive and sustainable planning, design, procurement and deployment of operations' strategies such as ITS technologies and ATIS. Federal mandates such as: (a) following and maintaining ITS Architecture, (b) preparing TMPs for major construction projects, (c) motorist's information sharing (511), (d) "Every Day Counts" initiatives, (e) incorporation of adaptive signal systems, (f) hard shoulder use, (g) performance measures and, (h) maintenance/upgrade/enhancement of existing ITS infrastructure and hardware are covered under this program. This program also includes review and development of new technology and the possible application, design, procurement, testing and deployment of such technologies. The development of contract documents and engineering plans for various projects and ITS contracts is also included. This program includes technical and engineering support needed for the Traffic Operations Centers; development, enhancement and maintenance of the existing ITS infrastructure, ATIS associated database; and funding for Multimodal Transportation Coordination and Information Related Services. This program will support NJDOT's traffic signal optimization efforts and the Arterial Management Center.

CMP: Minor SOV Capacity

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: Mirza, Wasif

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements Mapped: Y

This project contains ITS elements.

		TIP F	Program Yea	ars (\$ millio	ns)	Later Fiscal Years (\$ millions)							
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		
EC	DEMO-R		1.881										
EC	DEMO-RF	0.203											
EC	DEMO-RS	1.678											
EC	NHPP	14.151	15.000	13.000	13.000	13.000	13.000	13.000	13.000	13.000	13.000		
EC	STATE	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500		
EC	STBGP	2.432	3.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500	1.500		
Fiscal Y	ear Total	19.964	21.881	16.000	16.000	16.000	16.000	16.000	16.000	16.000	16.000		
		<u>Tota</u>	al FY2018-20	<u>021</u> 73	3.845		<u>Total L</u>	ater FY2022	<u>2-2027</u>	96.000			

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X233 Motor Vehicle Crash Record Processing

AQCODE: NRS This program provides the in-house Crash Records unit with upgraded equipment and new methodology. The

comprehensive crash record database will include driver/crash correlation, crash location, data for driver updates, and database cleaning (correction) process. Data entry, scanning and imaging will be performed by a private contractor.

IPD:

database cleaning (correction) process. Data entry, scanning and imaging will be performed by a private contractor.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Safety CIS Program Category: Safety Management

Project Manager: Castaldo/Azam

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements Mapped: Y

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

### DB# X34A National Highway Freight Program

NEW

AQCODE: NRS

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

CMP: Minor SOV Capacity

Municipalities: Planning Center: None

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

Project Manager:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation Mapped: Y

This project may be suitable for ITS treatments.

_	TIP P	rogram Yea	rs (\$ million	s)	Later Fiscal Years (\$ millions)					
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC NHFP-HWY							24.672	28.123	31.817	59.774
Fiscal Year Total							24.672	28.123	31.817	59.774
<u>Total FY2018-2021</u>					<u>Total Later FY2022-2027</u> 144.386					

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

**DB# X34** 

**New Jersey Rail Freight Assistance Program** 

AQCODE: NRS

This program funds the rehabilitation and improvement of key elements of the New Jersey rail freight network. Funds are used for acquisition, rehabilitation, facility construction, and substitute service assistance under the State Freight Assistance Program. The program provides matching funds to federal grants and to participate in other projects and programs that improve the intermodal goods movement network and support economic development initiatives. The program also provides funding for the design, construction, reconstruction, rehabilitation, land acquisition, and environmental mitigation of freight rail projects that: are significant to port commerce connectivity; eliminate rail freight missing links to port facilities; or upgrade freight rail trackage to a 286,000 pound load carrying capacity. This program provides \$8 million to the State Freight Assistance Program.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Patel, Ashwin

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Mapped: Y Other

This project may be suitable for ITS treatments.

**TIP Program Years (\$ millions)** 

Later Fiscal Years (\$ millions)

Phase	Fund
EC	NHFP-RAIL
EC	STATE
Fiscal Y	ear Total

_	•									
Γ	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ı	1.771	3.399	3.777	4.044	4.331	4.638	4.967	5.319	5.696	6.099
ı	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000	25.000
	26.771	28.399	28.777	29.044	29.331	29.638	29.967	30.319	30.696	31.099
	Tota	al FY2018-20	021 112	2.991 Total Later FY2022-2027 181.049						

IPD:

**DB# X200C** 

AQCODE: NRS This program will assist in the advancement of the NJ Scenic Byways Program, the development, designation and implementation needed for an organization, group or community to become a state or national scenic byway, and the maintenance and enhancement of the scenic, recreational, archaeological, natural, cultural and historic intrinsic qualities associated with the designated byways. Funding will be utilized for planning, design and development of the state program and for planning, design, development, marketing, and implementation of the state byways within the state program. Planning, design and development of the state program includes but is not limited to: research leading to the development of themes for byways on a statewide basis; technical assistance to specifically provide awareness and education about the management, operation and development of the scenic byway program, activities associated with identifying and planning tourist amenities on scenic byways on a statewide basis, activities associated with assessing the economic impacts of an individual byway or a statewide program of byways

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None Various

CIS Program Subcategory: CIS Program Category: Road Assets Quality of Life

Project Manager: Bloom-Cronin, Cindy IPD:

**New Jersey Scenic Byways Program** 

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Mapped: Y Other

TIP Program Vears (\$ millions)

Later Fiscal Vears (\$ millions)

Phase	Fund
ERC	STBGP
ERC	TAP
Fiscal Y	ear Total

HEF	iografii i ea	113 (\$ 11111101	13)	Later Fiscal Tears (\$ Illillions)							
2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		
	0.500										
0.500	0.000	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500		
0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500		
<u>Tota</u>	I FY2018-20	<u>)21</u> 2	.000		<u>Total La</u>	ater FY2022	<u>-2027</u>	3.000			

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 99372 Orphan Bridge Reconstruction

AQCODE: S19 This program provides funding for engineering and construction of orphan bridges. The bridges will be designed utilizing

in-house and task order designers. The bridges will be reconstructed in the existing footprint, with the abutments being

IPD:

repaired, and the superstructures being replaced with prefabricated/precast systems whenever possible.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Kauffman, Raymond / Najem, Atta

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bridge Repair/Replacement Mapped: Y

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

DB# X28B Park and Ride/Transportation Demand Management Program

AQCODE: A1 This program supports Transportation Demand Management (TDM) options for carpooling, vanpooling, and transit by

providing funding of leases for park-and-rides in areas with high demand throughout the state. The department continues to support approximately 15 leased park-and-rides statewide in an effort to reduce air pollution and congestion and

improve air quality.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Bremer-Nei, Elise IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

This project may be suitable for ITS treatments.

	TIP P	rogram Yea	rs (\$ million	ıs)	Later Fiscal Years (\$ millions)						
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
EC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
Fiscal Year Total	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	
	<u>Total Later FY2022-2027</u> 6.000										

## **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X51 Pavement Preservation

AQCODE: S10 This program will allow NJDOT to accomplish eligible federal pavement preservation activities on New Jersey's Interstate

highway system and will also allow for pavement preservation on all other state-maintained roads, which help to keep New Jersey's highway system in a state of good repair. With timely preservation, the NJDOT can provide the traveling public

with improved safety and mobility, reduced congestion and smoother, longer lasting pavements.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Kauffman, Raymond / Black, Daniel IF

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation Mapped: Y

		TIP F	Program Yea	ars (\$ millio	ns)	Later Fiscal Years (\$ millions)							
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		
EC	HWYINF		7.713										
EC	NHPP	15.204	53.159	10.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000		
EC	STBGP	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000		
Fiscal Y	ear Total	20.204	65.872	15.000	15.000	15.000	15.000	15.000	15.000	15.000	15.000		
		<u>Tota</u>	al FY2018-20	<u>)21</u> 116	5.076		<u>Total L</u>	ater FY2022	<u>2-2027</u>	90.000			
				·	·		·	·					

DB# 06401 Pedestrian Safety Improvement Program

AQCODE: A2 This program provides funding to reduce pedestrian crashes and/or fatalities. Locations/segments are identified through

crash history data and estimated rates of exposure to motor vehicles/pedestrian conflicts. Locations/segments are examined by NJDOT'S Pedestrian Safety Impact Teams who will conduct Road Safety Audits and make

IPD:

recommendations for improvements. This program funds the implementation of recommendations, as well.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Azam/Castaldo

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement Mapped: Y

This project may be suitable for ITS treatments.

TIP P	rogram Yea	rs (\$ million	Later Fiscal Years (\$ millions)						
2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
3.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
3.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000	4.000
<u>Total FY2018-2021</u> 15.000							<u>-2027</u> 2	24.000	
	2018 3.000 3.000	2018 2019 3.000 4.000 3.000 4.000	2018         2019         2020           3.000         4.000         4.000           3.000         4.000         4.000	3.000     4.000     4.000     4.000       3.000     4.000     4.000     4.000	2018         2019         2020         2021         2022           3.000         4.000         4.000         4.000         4.000           3.000         4.000         4.000         4.000         4.000	2018     2019     2020     2021     2022     2023       3.000     4.000     4.000     4.000     4.000     4.000       3.000     4.000     4.000     4.000     4.000     4.000	2018         2019         2020         2021         2022         2023         2024           3.000         4.000         4.000         4.000         4.000         4.000         4.000           3.000         4.000         4.000         4.000         4.000         4.000	2018         2019         2020         2021         2022         2023         2024         2025           3.000         4.000	2018         2019         2020         2021         2022         2023         2024         2025         2026           3.000         4.000

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

Project Manager:

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

IPD:

supporting current maintenance, construction, and engineering activities.

CMP: Not SOV Capacity Adding

Hatzisavvas, Debby

Municipalities: Planning Center: None

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

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

DB# X30 Planning and Research, Federal-Aid

AQCODE: X1 Funding from this program will enable NJDOT to continue to address planning and research needs in a comprehensive

program of studies and proposal development in order to maximize the use of financial resources and staff. Activities will include data collection, inter-governmental planning coordination, planning work in support of the management systems,

research initiatives and Local Technical Assistance Program.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Swords, Andrew IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X140 Planning and Research, State

AQCODE: X1 This program will provide for planning activities which include needs assessments, geometric deficiencies, local aid

assistance, congestion management, travel market analysis, formulation of a new statewide plan, facilitating/implementing multimodal transportation, demographics, access management plans, transportation policy, equipment, modeling, clean

air initiatives, data collection equipment, deployment of new technology initiatives, and research initiatives.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Lewis, James

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

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

AQCODE: NRS

This is a federal grant program that supports pre-apprenticeship training and outreach activities aimed at women and minorities including training and supportive services necessary to help them prepare and qualify for union apprenticeship

programs connected with highway construction and employment with NJ DOT. This program will also support the technology required to monitor, maintain and generate reports on program essentials and trainee participant progress.

IPD:

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Overton, Jeff

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X10 Program Implementation Costs, NJDOT

AQCODE: NRS This program will provide funding for salaries and other administrative expenses which directly relate to developing and

delivering the Capital Program. This funding is allocated for multi-year and previously authorized project costs.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Stevenson, Debbie

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

#### **TIP Program Years (\$ millions)** Later Fiscal Years (\$ millions) Phase Fund 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 102.000 104.040 106.120 108.240 110.410 112.620 114.870 117.170 119.510 121.900 **Fiscal Year Total** 102.000 104.040 106.120 108.240 110.410 112.620 114.870 117.170 119.510 121.900 Total FY2018-2021 420.400 Total Later FY2022-2027

### 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.

IPD:

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Capital Program Delivery

Project Manager:

Mileposts: N/A Sponsor: NJDOT

	TIP P	rogram Yea	rs (\$ million	ıs)		Later Fiscal Years (\$ millions)				
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CD STATE	5.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	5.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	<u>Tota</u>	l FY2018-20	<u>21</u> 8	.000		<u>Total L</u>	ater FY2022	<u>-2027</u>	6.000	

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 05341

**Project Management & Reporting System (PMRS)** 

AQCODE: NRS

This funding is provided to support planned Capital Program Management work, and incorporate functionality by other areas of the department, as well. The PMRS program will provide a collaborative environment for all department stakeholders to utilize one Project Reporting & Management System to manage projects from start to finish. PMRS will facilitate access by all parties, and allow colaberative input into the process. Such initial, Department-wide, access will, ultimately, reduce project costs.

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None CIS Program Subcategory: Capital Program Delivery CIS Program Category: Capital Program Delivery

Project Manager: Grant, Sheryl IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Mapped: Y Other

**TIP Program Years (\$ millions)** Later Fiscal Years (\$ millions) 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 Phase Fund DES STATE 0.800 0.800 0.800 0.800 0.850 **Fiscal Year Total** 0.800 0.800 0.800 0.800 0.850 Total FY2018-2021 3.200 Total Later FY2022-2027 0.850

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

NEW

AQCODE: NRS

Provide expert consulting services regarding processes and organizational development in the area of project and program management including providing expert consulting services regarding information systems architecture and integration for project and construction management information technology systems. Provide program management services to the Department to implement Project Management and Reporting System including the e-Builder Enterprise Software as a Service information system and other sub-systems such as Bluebeam. Provide coaching and mentoring services to Department personnel in the areas of project and program management, general organizational behavior of project related organizations, and training assessment guidance

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Category: Capital Program Delivery CIS Program Subcategory:

Project Manager: Signora, Robert

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Mapped: Y Other

TIP Program Years (\$ millions) Later Fiscal Years (\$ millions) Phase Fund 2021 2022 2023 2026 2027 2018 2019 2020 2024 2025 DES STATE 0.413 0.460 0.470 **Fiscal Year Total** 0.413 0.460 0.470 1.343 Total FY2018-2021 Total Later FY2022-2027

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

#### **DB# X35A**

### Rail-Highway Grade Crossing Program, State

AQCODE: S8

This program will provide state funding for the elimination of hazards at rail-highway grade crossings by the closure of crossings or the upgrade/improvement of protective warning devices for roads throughout the state. This funding will allow flexibility in allocating monies for emergency repairs as well as to the areas in need regardless of their geographic location (MPO). This program will also allow grade crossing closures without drawing down the federal funds used for grade crossing improvements. Funding will also be provided for the design of traffic detours required for the crossing surface reconstruction projects.

This program will also provide funding for emergency repairs to the riding surface of highway-rail grade crossings identified during inspections or from complaints received. These repairs will be accomplished by an NJDOT contractor as priority situations are identified. These repairs will be limited to surface repairs that do not require railroad infrastructure work, or reconstruction of the crossing. This program will also include the installation of roadway-related items (signs, pavement markings) that have been identified as missing or needing replacement or are required (outstanding work from municipalities and counties) to close out federally funded grade crossing projects from previous years.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Safety CIS Program Category: Safety Management

Project Manager: Hirt, Todd

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Intersection/Interchange Improvements Mapped: Y

This project may be suitable for ITS treatments.

### TIP Program Years (\$ millions)

### Later Fiscal Years (\$ millions)

Phase	Fund
CON	STATE

Total	l FY2018-20	21 22	.000		Total I	ater FY2022	-2027 3	37.000	
5.200	5.400	5.600	5.800	6.000	6.200	6.200	6.200	6.200	6.200
5.200	5.400	5.600	5.800	6.000	6.200	6.200	6.200	6.200	6.200
2018	2019	2020	2021	2022	2023	2024	2025	2026	2027

## Fiscal Year Total

### Recreational Trails Program

**DB# 99409**AQCODE: A1

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

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Bremer-Nei, Elise/NJDEP, Parks & Forestry IF

Mileposts: N/A Sponsor: NJDEP

Improvement Type: Bicycle/Pedestrian Improvement Mapped: Y

TIP Program Years (\$ millions)

### Later Fiscal Years (\$ millions)

Phase	Fund
ERC	RTP
Fiscal Y	ear Total

2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900
0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900	0.900
Tota	I FY2018-20	<u>21</u> 3.	.600		Total L	ater FY2022	-2027	5.400	

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X144 Regional Action Program

AQCODE: X9 This program funds low-cost, quick turn-around capital improvements accomplished under management of the NJDOT

Office of Landscape Architecture and the Regional Director for Regional Operations in each of the NJDOT regions. Funding is also provided for small-scale landscape contracts in an effort to minimize adverse effects of highways where

engineering solutions are prohibitive.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Kneidinger/Davis/Kingsland/Sweger I

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

DB# X03A Restriping Program & Line Reflectivity Management System

AQCODE: S11 This program funds the application of long-life pavement markings and raised pavement markers on the state highway

system. The Line Reflectivity Management Unit was formed, within Maintenance Engineering and Operations, to record reflectivity readings of pavement markings in order to more efficiently and effectively develop and implement the annual

striping program for the NJDOT. All equipment purchases will be funded by the NJDOT equipment line item.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: Safety CIS Program Category: Safety Management

Project Manager: Kauffman, Raymond / Black, Daniel IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation Mapped: N

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

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X03E

Resurfacing Program

AQCODE: S10

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

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Kauffman, Raymond / Black, Daniel IPD:

Mileposts: N/A

Improvement Type: Roadway Rehabilitation Mapped: Y

#### TIP Program Years (\$ millions)

### Later Fiscal Years (\$ millions)

Sponsor: NJDOT

Phase Fund EC STATE	<b>2018</b> 100.000	<b>2019</b> 120.000	<b>2020</b> 120.000	<b>2021</b> 120.000	<b>2022</b> 120.000	<b>2023</b> 120.000	<b>2024</b> 120.000	<b>2025</b> 120.000	<b>2026</b> 120.000	<b>2027</b> 120.000
Fiscal Year Total	100.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000	120.000
	<u>Tota</u>	al FY2018-2	<u>021</u> 46	0.000		<u>Total l</u>	Later FY202	<u>2-2027</u> 7	720.000	

### DB# 99327A Resurfacing, Federal

AQCODE: S10

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

IPD:

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: Gresavage, Sue

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation Mapped: N

#### TIP Program Years (\$ millions)

#### Later Fiscal Years (\$ millions)

Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC	STBGP	1.740	1.000								
ERC	NHPP	10.000	1.000	1.000	10.000	10.000	10.000	10.000	10.000	10.000	10.000
ERC	STATE			20.000	20.000	20.000	20.000	30.000	30.000	30.000	30.000
Fiscal Y	ear Total	11.740	2.000	21.000	30.000	30.000	30.000	40.000	40.000	40.000	40.000
		<u>Tota</u>	I FY2018-20	<u>)21</u> 64	1.740		<u>Total L</u>	ater FY2022	<u>2-2027</u> 22	20.000	

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 05339

Right of Way Database/Document Management System

AQCODE: NRS

This program funds the ongoing maintenance (web hosting and routine repairs) and updates for ROW unit (PAECETrack) and Access unit (Highway Access Permitting System) databases. The system is a web based allowing access from the field. The system is approved and supported by the Office of Information Technology. This system has scheduling, document production, management control, GIS, and extensive reporting capabilities. Both systems are being upgraded to keep pace with new requirements and regulatory changes. Cost covers both annual hosting and occasional upgrades as may be required.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Cunningham, Bob

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

#### TIP Program Years (\$ millions) Later Fiscal Years (\$ millions) 2022 2027 Phase Fund 2018 2019 2020 2021 2023 2024 2025 2026 0.250 0.200 0.200 0.200 0.200 0.200 0.225 0.225 0.250 0.250 0.250 **Fiscal Year Total** 0.200 0.200 0.200 0.200 0.200 0.225 0.225 0.250 0.250 Total FY2018-2021 0.800 Total Later FY2022-2027 1.400

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

AQCODE: NRS

This program will allow for the increased utilization of full service ROW consultant firms to address peak workload demands in the right of way component of the capital program delivery process. Due to staff reduction from retirements and loss of institutional specialists, it may be necessary to provide for supplementary consultant forces to work with the right of way team on specific projects. The task order agreements will be established based on initial funding amounts of \$10,000, with the continued funding of individual task order assignments through project specific state and federal right of way funding accounts.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Cunningham, Bob

Mileposts: N/A Sponsor: NJDOT

TIP Program Years (\$ millions)							Later Fiscal Years (\$ millions)						
Phase	Fund	20	18	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ROW	STATE	0.0	50	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	
ROW	STBGP	0.1	00	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	
Fiscal Y	ear Total	0.1	50	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	
			<u>Total</u>	FY2018-20	<u>21</u> 0	.600		<u>Total L</u>	ater FY2022	<u>-2027</u>	0.900		

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

**DB# X152 Rockfall Mitigation** 

AQCODE: X13

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

CMP: Not SOV Capacity Adding

Municipalities:

Planning Center: None CIS Program Subcategory: Safety

CIS Program Category: Safety Management IPD:

Project Manager: Dalal, Jayant

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Mapped: Y Intersection/Interchange Improvements

		TIP	Program Yea	ars (\$ millior	Later Fiscal Years (\$ millions)						
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC	STBGP		4.290								
ERC	NHPP	3.000	5.710	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
Fiscal Y	ear Total	3.000	10.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
		<u>Tot</u>	al FY2018-20	<u>)21</u> 23	.000		Total L	ater FY2022	<u>-2027</u> 3	30.000	

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

AQCODE:

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

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

On May 23, 2019, the DVRPC Board approved the following project applications:

\$342,000 for Hamilton Township's Klockner Elementary School Pedestrian Safety Improvements in Mercer County;

\$370,000 for Voorhees Township's Echelon Road Pedestrian Improvements in Camden County:

\$1,000,000 for Princeton's Rosedale Road (CR-604) and General Johnson Drive Intersection and Pathway Improvements

in Mercer County: and

\$156,000 for National Park Borough's Safer Routes to National Park School in Gloucester County

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Abuhuzeima, Shukri

Mileposts: N/A Sponsor: Local Lead

Improvement Type: Mapped: Y Bicycle/Pedestrian Improvement

This project may be suitable for ITS treatments.

		TIP P	rogram Yea	ırs (\$ millior	ıs)		Later Fiscal Years (\$ millions)				
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC	SRTS		2.317								
ERC	TAP	5.587	3.270	5.587	5.587	5.587	5.587	5.587	5.587	5.587	5.587
Fiscal Y	ear Total	5.587	5.587	5.587	5.587	5.587	5.587	5.587	5.587	5.587	5.587
		<u>Tota</u>	I FY2018-20	<u>)21</u> 22	.348		<u>Total L</u>	ater FY2022	<u>-2027</u> 3	33.522	

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 06402 Safe Streets to Transit Program

AQCODE: A2 This program identifies areas around train stations or bus stops and analyzes the risk based on crash history and

exposure. Once the areas are identified, this program develops multi-modal improvement plans to address the issues.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Abuhuzeima, Shukri II

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement Mapped: Y

This project may be suitable for ITS treatments.

	TIP P	rogram Yea	rs (\$ million	ıs)	Later Fiscal Years (\$ millions)					
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	<u>Total</u>	FY2018-20	<u>21</u> 4	.000		Total L	ater FY2022	<u>-2027</u>	6.000	

DB# 13307 Salt Storage Facilities - Statewide

AQCODE: NRS This program provides construction of new salt barns at various maintenance yards across the State (1 per Region) to

improve snow and ice removal capabilities, and response time.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Transportation Support Facilities

Project Manager: Hatzisavvas, Debby

Mileposts: N/A Sponsor: NJDOT

	TIP P	rogram Yea	rs (\$ millior	ıs)	Later Fiscal Years (\$ millions)					
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	3.500	1.500	1.500							
Fiscal Year Total	3.500	1.500	1.500							
	<u>Tota</u>	I FY2018-20	<u>21</u> 6	.500		Total La	iter FY2022	<u>-2027</u>		

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 15807

**Segment Improvement Program** 

AQCODE:

This program will provide for the identification and implementation of safety improvements along segments which show crash rates above the statewide average. The safety improvements proposed are; striping, signage, crosswalks, bus shelters, handicap ramps, bicycle accommodations, travel lane modifications, resurfacing, changes in accommodating "U" turns, pedestrian refuge islands, designing for mature drivers, corner modifications and innovative technology i.e. pedestrian/bicycle detectors, etc.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory:

CIS Program Category: Safety Management Project Manager: Azam/Castaldo IPD:

Mileposts: Sponsor: NJDOT

Improvement Type: Mapped: Y Intersection/Interchange Improvements

This project may be suitable for ITS treatments.

	TIP P	rogram Yea	rs (\$ million	ıs)		Later	Fiscal Year	s (\$ millions	)	
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC HSIP	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
Fiscal Year Total	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000
	<u>Tota</u>	I FY2018-20	<u>21</u> 8	.000		Total L	ater FY2022	<u>-2027</u> 1	2.000	

**DB# X239 Sign Structure Inspection Program** 

AQCODE: This program provides funding for the inspection of overhead and cantilever sign structures on state roadways. There are NRS

over 1,700 sign structures, including overhead, cantilever and variable message structures on state routes. This program

also provides for the inspection of approximately 200 high mast light pole structures on state roadways.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Road Assets Quality of Life

Project Manager: Evans, Jack IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Mapped: Y Roadway Rehabilitation

		TIP P	rogram Yea	ırs (\$ millior	ıs)		Later	Fiscal Year	s (\$ millions	)	
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC	STATE	2.500									
EC	STBGP	1.000	2.100	2.100	2.200	2.200	2.200	2.300	2.300	2.300	2.300
Fiscal Y	ear Total	3.500	2.100	2.100	2.200	2.200	2.200	2.300	2.300	2.300	2.300
		<u>Tota</u>	I FY2018-20	<u>)21</u> 9	.900		<u>Total L</u>	ater FY2022	<u>-2027</u> 1	3.600	

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X239A Sign Structure Rehabilitation/Replacement Program

AQCODE: NRS This program funds the rehabilitation and replacement of existing VMS (variable message signs), overhead and cantilever

sign structures located on state highways. This program will also provide funding for recommendations, survey, aerial

IPD:

IPD:

photography, photogrammetry, base mapping and engineering.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Quality of Life CIS Program Category: Road Assets

Project Manager: Dalal, Jayant

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation Mapped: Y

This project contains ITS elements.

TIP Program Years (\$ millions) Later Fiscal Years (\$ millions) Phase Fund 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 STBGF 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 **Fiscal Year Total** 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 Total FY2018-2021 20.000 Total Later FY2022-2027 30.000

DB# X39 Signs Program, Statewide

AQCODE: NRS This program provides funding for the systematic upgrade of state highway signs, including refurbishing of deteriorated

signs, installation of new signs, and improvement and updating of messages.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Quality of Life CIS Program Category: Road Assets

Project Manager: Ghorbani, Ahmad

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Roadway Rehabilitation Mapped: Y

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

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

Project Manager:

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

AQCODE: NRS This program will provide for the cleanup, reduction, and disposal of solid and hazardous waste materials from state

highway system preservation operations and private disposal sites used during construction and subsequent maintenance

IPD:

of the transportation facility.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Steinbeiser, Tim

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

**TIP Program Years (\$ millions)** Later Fiscal Years (\$ millions) Phase Fund 2019 2020 2021 2024 2025 2026 2027 2018 2022 2023 1.330 1.330 1.330 1.330 1.330 1.330 1.330 1.330 1.330 1.330 **Fiscal Year Total** 1.330 1.330 1.330 1.330 1.330 1.330 1.330 1.330 1.330 1.330 Total FY2018-2021 5.320 Total Later FY2022-2027 7.980

DB# X150 State Police Enforcement and Safety Services

AQCODE: NRS This program provides reimbursement for State Police services for enforcement and traffic control in construction work

zones

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Bhavsar, Yogesh IF

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

TIP Program Years (\$ millions) Later Fiscal Years (\$ millions) Phase Fund 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 FC STATE 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 **Fiscal Year Total** 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 5.000 Total FY2018-2021 20.000 Total Later FY2022-2027 30.000

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 13308

Statewide Traffic Operations and Support Program

AQCODE: NRS

This comprehensive Statewide Traffic Operations and support strategies program focuses on reducing non-recurring delays due to incidents, work zones, weather emergencies, poor signal timings, special events, etc. The program includes a Statewide Traffic Management Center (STMC), a Traffic Operations Center South (TOCS), a Safety Service Patrol (SSP), a NJDOT/NJSP Traffic Incident Management (TIM) Unit and a Central Dispatch Unit (CDU). The 24/7 Statewide Traffic Management Center (STMC) serves three primary functions: (1) It is the Traffic Operations Center (TOC) for the northern half of the state, (2) It provides for evening/weekend/holiday operations coverage for the entire state and (3) NJDOT is co-located with the New Jersey State Police and the New Jersey Turnpike Authority at the STMC to provide for a coordinated approach to handling traffic operations statewide. The 16/5 Traffic Operations Center South (TOCS) is responsible for coverage for the southern half of the state and monitors the Route 29 tunnel. The STMC handles coverage for TOCS during week nights (after 8:30 pm) and on weekends and holidays. The Safety Service Patrol (SSP) is deployed on congested corridors statewide to rapidly detect and clear incidents by providing safety for first responders and motorists. SSP also provides emergency assistance to disabled motorists. The 24/7 Central Dispatch Unit (CDU) is NJDOT's Emergency Call Center. The Traffic Incident Management (TIM) program is aimed at reducing delays due to traffic incidents. It provides for: (1) equipment and training for NJDOT's Incident Management Response Team (IMRT); (2) training and outreach for county and local emergency responders on methods to reduce traffic delays caused by incidents; (3) developing, printing and distributing diversion route manuals; (4) developing partnerships and outreach with local and state law enforcement organizations; and (5) maintaining a State Police Traffic Incident Management Unit.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Congestion Relief

Project Manager: Cowan, Salvatore IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements Mapped: Y

This project contains ITS elements.

	TIP P	rogram Yea	ars (\$ millio	ns)		Later	Fiscal Year	rs (\$ millions	s)	
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC NHPP	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000
Fiscal Year Total	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000	18.000
	<u>Tota</u>	I FY2018-20	<u>)21</u> 72	2.000		<u>Total L</u>	ater FY2022	<u>2-2027</u> 10	08.000	

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

### DB# 17353 Storm Water Asset Management

NEW

AQCODE: NRS

This program provides a means for the Department to maintain compliance with USEPA and NJDEP storm water management regulations as well as ensuring the state's infrastructure system is resilient under moderate to severe storm events. The Storm Water Asset Management plan will evaluate and prioritize needed repairs to storm water features to maintain the integrity of the storm water system. This program will assist the Department in meeting water quality objectives of the USEPA & NJDEP storm water regulations, and help minimize potential roadway flooding. The plan will involve identification of all storm water features/assets owned or operated by NJDOT, assessing conditions of these assets, developing plans for needed repairs to preserve the integrity of the assets, prioritizing and conducting required repairs, and inspecting efforts to ensure repairs are done per plan.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Road Assets

Project Manager: Lane, Robert IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

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

AQCODE: NRS

This is a State funded program that will support the activities required to ensure nondiscrimination in the delivery of the NJDOT Capital Program and related projects. Activities include, but are not limited to informational training sessions, translation services and the development of informational material (e.g., pamphlets, brochures, training guides and letters) disseminated to the public and in languages other than English as necessary. This program will also support activities and initiatives in the stand-alone Title VI programs, such as DBE and Contractor Compliance

IPD:

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: CIS Program Category: Capital Program Delivery

Project Manager: Davis, Anthony

Mileposts: N/A Sponsor: NJDOT

	TIP P	rogram Yea	rs (\$ million	ns)		Later	Fiscal Year	s (\$ million	s)	
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175
Fiscal Year Total	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175
	<u>Tota</u>	I FY2018-20	<u>21</u> 0	.700		<u>Total L</u>	ater FY2022	<u>-2027</u>	1.050	

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

**DB# X66** 

Traffic Monitoring Systems

AQCODE: X

This program provides for the collection of essential traffic and roadway inventory data including traffic counts, vehicle classifications, truck weights, roadway video, automated mapping and various other geographical information system activities. Included in this item are the construction, reconstruction and restoration of Traffic Monitoring Systems (TMS) and continuous traffic counting installations; and acquisition of equipment to upgrade and to replace equipment which has failed. Site selection is made in accordance with federal requirements for the Traffic Monitoring Guide and the NJDOT's Traffic Monitoring System implementation plan that has been approved by the Federal Highway Administration. Funding is used for professional services to carry out the short-term traffic monitoring program, updates of the Straight Line Diagrams; and local road inventory database updates; for construction services for a contractor to replace in-road traffic monitoring sensors; to continue Data Warehouse Maintenance activities; and to initiate/update a Roadway Digital Imaging Program.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Capital Program Delivery CIS Program Category: Congestion Relief

Project Manager: Castaldo, Mike

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements Mapped: Y

This project contains ITS elements.

		TIP	Program Ye	ars (\$ millio	ns)		Late	r Fiscal Yea	rs (\$ million	s)	
Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
PLS	NHPP	12.900	12.900	12.900	12.900	12.900	12.900	12.900	12.900	12.900	12.900
EC	NHPP	3.900			4.900			6.500			
EC	STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Y	ear Total	17.800	13.900	13.900	18.800	13.900	13.900	20.400	13.900	13.900	13.900
		<u>Tot</u> a	al FY2018-2	<u>021</u> 64	4.400		<u>Total L</u>	_ater FY2022	<u>2-2027</u>	89.900	

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X47

**Traffic Signal Replacement** 

AQCODE: X

This program provides funding for; purchase of materials, installation of new and upgraded traffic signals statewide, related improvements to the operation of signals. This program provides for the replacement of traffic signals on an annual basis, and assists regional operations in the rehabilitation and maintenance of the state's highway lighting system. It also includes the conversion to energy efficient LED indicators, and installation of generators to provide auxiliary power, which will enable traffic signals to function during times of extended power outages. Through the Traffic Signal Management System, which provides a condition rating of signal equipment integrated with crash data and Congestion Management System Data, this program (developed via consultant RFP, analyzing corridor segments and creating a safety ranking based on MUTCD compliance, pedestrian facilities, controller capabilities, method of detection, accessibility, and other factors) will prioritize signals for replacement based on the above factors. The results from establishing the priority locations will allow systematic replacement of aging signal equipment, optimization of the operation of signals, and promote maximum efficiency of intersections.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Safety CIS Program Category: Road Assets

Project Manager: Kingsland, C. William / Black, Daniel IPD

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Signal/ITS Improvements Mapped: Y

This project may be suitable for ITS treatments.

	TIP P	rogram Yea	rs (\$ million	s)		Later	Fiscal Years	s (\$ millions	)	
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
Fiscal Year Total	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000	9.000
	<u>Tota</u>	I FY2018-20	<u>21</u> 36.	.000		Total La	ater FY2022	<u>-2027</u> 5	4.000	

### DB# X244 Training and Employee Development

AQCODE: X1

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

IPD:

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Vannozzi, Pat

Mileposts: N/A Sponsor: NJDOT

		TIP P	rogram Yea	rs (\$ million	ıs)		Later	Fiscal Years	s (\$ millions	<b>(a)</b>	
Phase EC	Fund STBGP	2018	<b>2019</b> 2.000	2020	2021	2022	2023	2024	2025	2026	2027
EC	STBGP	1.800	2.000	1.800		1.800		1.800		1.800	
Fiscal Y	ear Total	1.800	2.000	1.800		1.800		1.800		1.800	
		<u>Tota</u>	I FY2018-20	<u>21</u> 5	.600		Total La	ater FY2022	<u>-2027</u>	5.400	

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# 01316 Transit Village Program

AQCODE: NRS This program will provide dedicated funding to local governments that have been selected for inclusion in the Transit

Village Program. Projects which may be funded under this program are bike paths, sidewalks, streetscaping, and signage.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Bruccoleri, Dave

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Bicycle/Pedestrian Improvement Mapped: Y

	TIP P	rogram Yea	rs (\$ million	ıs)		Later	Fiscal Year	s (\$ million	s)	
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Fiscal Year Total	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
	<u>Tota</u>	l FY2018-20	<u>21</u> 4	.000		<u>Total La</u>	ater FY2022	<u>-2027</u>	6.000	

### DB# X107 Transportation Alternatives Program

AQCODE: X12

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

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

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

\$680,000 for Camden City's River Birch Trail

\$1,220,000 for Camden County's Atlantic Avenue Trail \$562,000 for Florence Township's Fifth Street Rail to Trail

\$343,000 for Palmyra Borough's Temple Boulevard Enhancements

\$408,000 for Gibbsboro Borough's Phase 5 Bikeway and Streetscape Improvements along Lakeview Drive from Kresson

Road to Silver Lake

\$540,000 for Gloucester Township's Lakeland Road Connector Trail

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Abuhuzeima, Shukri IPD:

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Streetscape Mapped: Y

	TIP P	rogram Yea	rs (\$ million	ıs)		Later	Fiscal Year	s (\$ millions	<b>(</b> )	
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC TAP	5.000	5.000	5.000	5.000	5.000	7.235	7.235	7.235	7.235	7.235
Fiscal Year Total	5.000	5.000	5.000	5.000	5.000	7.235	7.235	7.235	7.235	7.235
	<u>Tota</u>	I FY2018-20	<u>21</u> 20	.000		<u>Total L</u>	ater FY2022	<u>-2027</u> 4	11.175	

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X43 Transportation Demand Management Program Support

AQCODE: NRS This funding is utilized to continue the management of the Owned and Leased Park and Ride Program and the remaining

efforts as they relate to the 1-800-CARPOOL program which also includes maintaining the RidePro ride matching software

IPD:

program

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Bremer-Nei, Elise

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

**TIP Program Years (\$ millions)** Later Fiscal Years (\$ millions) 2024 2026 2027 2018 2019 2020 2021 2022 2023 2025 Phase Fund 0.250 0.250 0.250 0.250 0.250 0.250 0.250 0.250 0.250 0.250 **Fiscal Year Total** 0.250 0.250 0.250 0.250 0.250 0.250 0.250 0.250 0.250 0.250 Total FY2018-2021 1.000 Total Later FY2022-2027 1.500

### DB# X126 Transportation Research Technology

AQCODE: X1

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

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Crichton-Sumners, C IPD:

Mileposts: N/A Sponsor: NJDOT

	TIP P	rogram Yea	rs (\$ million	ıs)		Later	Fiscal Year	s (\$ millions	<b>)</b>	
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC STATE	0.775	0.800	0.900	1.000	1.100	1.200	1.700	2.200	2.200	2.200
Fiscal Year Total	0.775	0.800	0.900	1.000	1.100	1.200	1.700	2.200	2.200	2.200
	<u>Tota</u>	I FY2018-20	<u>21</u> 3.	.475		Total L	ater FY2022	<u>-2027</u> 1	10.600	

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

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

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

Project Manager: Vari, Jim

Mileposts: N/A

Planning Center: None

CIS Program Category: Capital Program Delivery

Sponsor: NJDOT

Improvement Type: Other Mapped: Y

	TIP F	rogram Yea	ars (\$ millio	ns)		Later	Fiscal Yea	ırs (\$ million	s)	
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	25.244	32.816	36.721	34.423	4.972	27.169	88.683	115.079	111.093	106.869
Fiscal Year Total	25.244	32.816	36.721	34.423	4.972	27.169	88.683	115.079	111.093	106.869
	<u>Tota</u>	ıl FY2018-20	<u>)21</u> 129	9.203		<u>Total L</u>	ater FY202	<u>2-2027</u> 4	153.864	

DB# 15344 **Utility Pole Mitigation** 

AQCODE: NRS

This project seeks to identify and mitigate locations with incidents of high recurring utility pole accidents. The mitigation project is limited in scope and resources and encompasses 3 to 5 crash locations per year.

CMP: Not SOV Capacity Adding

Patibandha, Nilesh

Municipalities:

Project Manager:

Planning Center: None

CIS Program Category: Capital Program Delivery

IPD:

CIS Program Subcategory:

Mileposts:

Sponsor: NJDOT

Improvement Type: Mapped: Y Intersection/Interchange Improvements

	TIP P	rogram Yea	rs (\$ million	ıs)		Later	Fiscal Year	s (\$ millions	<b>)</b>	
Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
EC HSIP	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175
Fiscal Year Total	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175
	<u>Tota</u>	I FY2018-20	<u>21</u> 0	.700		<u>Total L</u>	ater FY2022	<u>-2027</u>	1.050	

### **New Jersey Statewide Program**

**Final Version** 

### **Various**

DB# X182 Utility Reconnaissance and Relocation

AQCODE: NRS This program reimburses utility companies for design and construction costs incurred when the utility companies are

required to relocate facilities due to a transportation improvement project. This program also funds subsurface testing as a mitigation measure to accurately locate and identify underground utilities to moderate or lessen the impact with utility

locations during the design and construction phases of a transportation improvement project.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

CIS Program Subcategory: Capital Program Delivery CIS Program Category: Road Assets

Project Manager: Martorana, Vince

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

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

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

those in urban areas, during annual implementation of the NJDOT Orban Youth Corps Program. This grant also provide funding to support the TRAC Program, which links school systems to the NJDOT by having department engineers

IPD:

volunteer as mentors to introduce students to careers in civil engineering.

CMP: Not SOV Capacity Adding

Municipalities: Planning Center: None

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

Project Manager: Section, Chrystal

Mileposts: N/A Sponsor: NJDOT

Improvement Type: Other Mapped: Y

**TIP Program Years (\$ millions)** Later Fiscal Years (\$ millions) Phase Fund 2022 2026 2027 2018 2019 2020 2021 2023 2024 2025 STRGE FC 0.396 0.350 0.350 0.350 0.350 0.350 0.350 0.350 0.350 0.350 **Fiscal Year Total** 0.396 0.350 0.350 0.350 0.350 0.350 0.350 0.350 0.350 0.350 Total FY2018-2021 1.446 Total Later FY2022-2027 2.100

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

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