

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T143

ADA--Platforms/Stations

NEW

AQCODE: M8

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

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

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

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

Mapped: Y

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

DB# T05

Bridge and Tunnel Rehabilitation

AQCODE: M9

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

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

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

Mapped: Y

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

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

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DB# T111 Bus Acquisition Program

AQCODE: M10

This program provides funds for replacement of transit, commuter, access link, and suburban buses for NJ TRANSIT as they reach the end of their useful life as well as the purchase of additional buses to meet service demands. Federal lease payments are provided for 1371 Cruiser buses. Pay-as-you-go funding is provided for over 2300 buses replacements over the next 10-years. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.

Bus Garages/Bus Fleet

There are 3 NJ TRANSIT bus garages in the DVRPC region. Statewide in 2012, NJ TRANSIT operated a fleet of just over 2100 buses. 283 buses (14%) provided service in the DVRPC region and operated accordingly: Hamilton Township garage operates 69 local buses for service in Trenton and surrounding towns in Mercer County. Washington Township garage operates 112 commuter buses for service linking the Philadelphia/Camden market with Gloucester, Cumberland, Salem, Atlantic, and Cape May Counties. Some local service operates solely in suburban Camden and Gloucester Counties. Newton Avenue Garage operates 102 local and commuter buses for service in the Philadelphia/Camden area and suburban locations mostly in Camden and Burlington Counties. Some service extends to Mercer County (#409/418 lines to Trenton) and to Gloucester County (#455 line).

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

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

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

Unobligated Prior Year Funding

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

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

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DB# T08 Bus Support Facilities and Equipment

AQCODE: M3

This program provides funds to maintain NJ TRANSIT's bus fleet including but not limited to, bus tires, engines and transmissions and other parts, support vehicles/equipment (for bus operations), maintenance equipment, and bus mid-life overhaul needs. Also included is midlife rehabilitation of bus facilities, other capital improvements to various support facilities and bus mid-life overhauls.

There are 3 NJ TRANSIT bus garages in the DVRPC region. Statewide in 2012, NJ TRANSIT operated a fleet of just over 2100 buses. 283 buses (14%) provided service in the DVRPC region and operated accordingly: Hamilton Township garage operates 69 local buses for service in Trenton and surrounding towns in Mercer County. Washington Township garage operates 112 commuter buses for service linking the Philadelphia/Camden market with Gloucester, Cumberland, Salem, Atlantic, and Cape May Counties. Some local service operates solely in suburban Camden and Gloucester Counties. Newton Avenue Garage operates 102 local and commuter buses for service in the Philadelphia/Camden area and suburban locations mostly in Camden and Burlington Counties. Some service extends to Mercer County (#409/418 lines to Trenton) and to Gloucester County (#455 line).

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

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

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DB# T09 Bus Vehicle and Facility Maintenance/Capital Maintenance

AQCODE: M3

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

There are 3 NJ TRANSIT bus garages in the DVRPC region. Statewide in 2013, NJ TRANSIT operated a fleet of just over 2200 buses. 275 buses (12.5%) provided service in the DVRPC region and operated accordingly: Hamilton Township garage operates 68 local buses for service in Trenton and surrounding towns in Mercer County. Washington Township garage operates 112 commuter buses for service linking the Philadelphia/Camden market with Gloucester, Cumberland, Salem, Atlantic, and Cape May Counties. Some local service operates solely in suburban Camden and Gloucester Counties. Newton Avenue Garage operates 95 local and commuter buses for service in the Philadelphia/Camden area and suburban locations mostly in Camden and Burlington Counties. Some service extends to Mercer County (#409/418 lines to Trenton) and to Gloucester County (#455 line).

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements Mapped: Y

Unobligated Prior Year Funding		
Year	Fund	Cost
2016	STATE	\$0.184
2017	STATE	\$1.000
		\$1.184

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

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

AQCODE: 2045M

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

CMP: Not SOV Capacity Adding Adding Subcorr(s): 2B, 7E, 11A, 11B,

Municipalities: Various Planning Center: Metropolitan Center; Town Center

CIS Program Subcategory: CIS Program Category: Mass Transit Assets

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

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

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

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DB# T68 Capital Program Implementation

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

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

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

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

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DB# T515 Casino Revenue Fund

AQCODE: NRS

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

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

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
CAP CASINO REVENUE	4.030	4.030	4.030	4.030	4.030	4.030	4.030	4.030	4.030	4.030	
Fiscal Year Total	4.030	4.030	4.030	4.030	4.030	4.030	4.030	4.030	4.030	4.030	
Total FY2018-2021				16.121	Total Later FY2022-2027					24.182	

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DB# T13

Claims support

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2016	STATE	\$0.460
		<u>\$0.460</u>

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

DB# T16

Environmental Compliance

AQCODE: NRS

Funding is provided for compliance with environmental regulations at both bus and rail facilities includes but is not limited to replacement of leaking fuel tanks, clean up of contaminated soil and ground water, oil/water separators, asbestos removal, and fueling station improvements at various facilities. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2014	STATE	\$1.000
2015	STATE	\$1.000
2016	STATE	\$0.690
2017	STATE	\$1.000
		<u>\$3.690</u>

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

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DB# T43 High Speed Track Program **NEW**

AQCODE: M9

Funding is provided for an annual program of high speed track rehabilitation including high speed surfacing, systemwide replacement of life-expired ties and other rail improvements, right-of-way fencing, equipment necessary to maintain a state of good and safe repair, purchase of long lead-time materials for next construction season, maintenance-of-way work equipment, interlocking improvements, passing sidings, other improvements, materials and services as necessary to support the program. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: IPD:

Mileposts: N/A Sponsor: NJ TRANSIT

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

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

DB# T20 Immediate Action Program

AQCODE: NRS

Funding is provided for emergency project needs under the rail, bus, and headquarters programs; contract change orders; consultant agreement modifications; and other unanticipated work identified during the course of the year, thus allowing the agency to be responsive to emergency and unforeseen circumstances which arise unexpectedly. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

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

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

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

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DB# T199 Job Access and Reverse Commute Program

AQCODE: M1 Funding is provided to continue the Job Access and Reverse Commute (JARC) program with non-federal funds. Moving Ahead for Progress in the 21st Century (MAP-21) eliminated the requirement for dedicated Federal funding for JARC.

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

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
SWI OPER	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	
Fiscal Year Total	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	1.219	
Total FY2018-2021				4.876	Total Later FY2022-2027				7.314		

DB# T95 Light Rail Infrastructure Improvements

AQCODE: M6 Funding is provided for Light Rail improvements including, but not limited to, communication systems upgrade, accessibility improvements, vehicle and facility improvements, and other infrastructure rehabilitation improvements. Funding is also provided for NLR Infrastructure and River Line capital asset replacement. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

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

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)						
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	2.000	2.000	2.000	2.690	2.690	4.990	4.990	4.990	4.990	4.990	
Fiscal Year Total	2.000	2.000	2.000	2.690	2.690	4.990	4.990	4.990	4.990	4.990	
Total FY2018-2021				8.690	Total Later FY2022-2027				27.640		

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DB# T53E Locomotive Overhaul

AQCODE: M3

Funding is provided for the cyclic overhaul of locomotives based on manufacturer replacement standards to support the equipment through its useful life. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

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DB# T122 **Miscellaneous**

AQCODE: NRS

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

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2016	STATE	\$0.115
2017	STATE	\$1.000
		\$1.115

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

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DB# T44 NEC Improvements

AQCODE: M9

"Funding is provided for improvements to the Northeast Corridor (NEC) to maintain state of good repair, increase capacity, and improve efficiency. Funding is provided for AMTRAK joint benefit projects and for other NJ TRANSIT improvement projects, including associated track and station improvements; platform extensions; and yard improvements. In 2012, average weekday ridership on the Northeast Corridor totaled over 113,000 passenger boardings per day. 2012 Average Weekday Passenger Boardings for the following stations in the DVRPC region were as follows: 4,638 at Trenton Station; 5,019 at Hamilton Station; 1,021 at Princeton Station; 6,816 at Princeton Junction."

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

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

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

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

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New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T55 Other Rail Station/Terminal Improvements

AQCODE: M8

Funding is provided for the design, land acquisition and construction of various stations, platform extensions, parking and related facilities, and upgrades throughout the system including related track and rail infrastructure work. Also included are station and facility inspection and repair, customer service station bike locker installation - systemwide, and STARS Program. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

This project may be suitable for ITS treatments.

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

DB# T121 Physical Plant

AQCODE: M8

Funding is provided for demolition of out-of-service facilities, energy conservation program, work environment improvements, replacement of antiquated administrative support equipment, purchase of material warehouse equipment, replacement of non-revenue vehicles, and other minor improvements to various bus/rail facilities. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Transportation Support Facilities

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2016	STATE	\$0.383
		\$0.383

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T135

Preventive Maintenance-Bus

AQCODE: M3

This program provides for the overhaul of buses including preventive maintenance costs in accordance with federal guidelines as defined in the National Transit Database Reporting Manual and federal law.

There are 3 NJ TRANSIT bus garages in the DVRPC region. Statewide in 2008, NJ TRANSIT operated a fleet of just over 2100 buses. 283 buses (14%) provided service in the DVRPC region and operated accordingly: Hamilton Township garage operates 69 local buses for service in Trenton and surrounding towns in Mercer County. Washington Township garage operates 112 commuter buses for service linking the Philadelphia/Camden market with Gloucester, Cumberland, Salem, Atlantic, and Cape May Counties. Some local service operates solely in suburban Camden and Gloucester Counties. Newton Avenue Garage operates 102 local and commuter buses for service in the Philadelphia/Camden area and suburban locations mostly in Camden and Burlington Counties. Some service extends to Mercer County (#409/418 lines to Trenton) and to Gloucester County (#455 line).

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. In addition, expenditures are for costs of projects in specific years only.

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

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CAP	SECT 5307		84.405								
CAP	SECT 5307	29.893		25.919	25.919	25.919	25.919	33.081	33.081	33.081	33.081
CAP	STATE	0.530	0.416	0.702	1.368	1.368	1.368	1.368	1.368	1.368	1.368
CAP	STBGP-STU	22.600									
Fiscal Year Total		53.023	84.821	26.620	27.286	27.286	27.286	34.449	34.449	34.449	34.449
				Total FY2018-2021		Total Later FY2022-2027					
				191.751		192.369					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T39

Preventive Maintenance-Rail

AQCODE: M3

"This program funds the overhaul of rail cars and locomotives and other preventive maintenance costs in accordance with federal funding guidelines as defined in the National Transit Database Reporting Manual and federal law. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. In addition, expenditures are for costs of projects in specific years only. In 2012, average weekday ridership on the Northeast Corridor totaled over 113,000 passenger boardings per day. 2012 Average Weekday Passenger Boardings for the following stations in the DVRPC region were as follows: 4,638 at Trenton Station; 5,019 at Hamilton Station; 1,021 at Princeton Station; 6,816 at Princeton Junction. Average weekday ridership on the River Line was 8,700 passenger trips in 2012."

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2015	SECT 5307	\$0.000
2015	SECT 5337	\$0.000
2016	SECT 5307	\$0.000
2016	SECT 5337	\$0.000
2017	OTHER	\$3.000
2017	SECT 5307	\$0.000
2017	SECT 5337	\$0.000
		\$3.000

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T106 Private Carrier Equipment Program NEW

AQCODE: NRS

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

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

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CAP STATE	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690
Fiscal Year Total	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690
	<u>Total FY2018-2021</u>			2.760	<u>Total Later FY2022-2027</u>			4.140		

DB# T34 Rail Capital Maintenance

AQCODE: M9

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

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

Expenditures are for costs of projects in specific years only.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

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

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CAP STATE	0.762	3.745	3.745	3.745	3.745	3.745	3.745	3.745	3.745	3.745
Fiscal Year Total	0.762	3.745	3.745	3.745	3.745	3.745	3.745	3.745	3.745	3.745
	<u>Total FY2018-2021</u>			11.995	<u>Total Later FY2022-2027</u>			22.467		

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New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T53G Rail Fleet Overhaul

AQCODE: M3

"This program provides funds for the mid-life overhaul and reliability/safety improvements of rail cars based on manufacturer recommendations and other rolling stock modifications to meet recently issued FRA and APTA mandated standards. Rail vehicles operated in the DVRPC region include diesel locomotives, electric locomotives, Comet and MultiLevel coaches and EMUs. This project is funded under the provisions of Section 13 of P.L. 1995, c. 10"

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

Year	Fund	Cost
2014	STATE	\$3.000
2015	STATE	\$1.000
2016	STATE	\$0.899
		\$4.899

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T112 Rail Rolling Stock Procurement

AQCODE: M10

This program provide funds for the replacement of rail rolling stock, including engineering assistance and project management, to replace over-aged equipment including rail cars, revenue service locomotives, and expansion of NJ TRANSIT rolling stock fleet (cars and locomotives) to accommodate projected ridership growth and other system enhancements over the next ten years. Funding is provided to support vehicles\equipment (for rail operations). Annual funds are provided for Comet V single-level car lease payments, Electric Locomotive lease payments, Diesel Locomotive lease payments, Dual Power Locomotives and Multi-Level rail car lease payments and other upcoming rolling stock lease payments. Pay-as-you-go funding is also programmed for Multi-Level vehicles and other rolling stock.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP.

CMAQ:
Funding for Rail Rolling Stock Procurement will include CMAQ funds. Rail Rolling Stock Procurement is CMAQ eligible because it meets federal eligibility requirements. The project will provide funding for the purchase of Multi-Level Coaches and Multi-Level EMU vehicles. For the CMAQ justification see "CMAQ Report for NJ TRANSIT".

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

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

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

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

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

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T37 Rail Support Facilities and Equipment

AQCODE: M11

This program provides funds for rehabilitation and construction activities for yard improvements systemwide, improvements at support facilities necessary to perform maintenance work at rail yards including work at Port Morris Yard, rail capacity improvements including passing sidings, interlockings and electric traction improvements, signal and communication improvements at support facilities, right-of-way fencing, maintenance-of-way equipment and the installation of pedestal tracks necessary to perform maintenance work at rail yards. Funding is provided for systemwide crew quarters, the Meadows Maintenance Complex upgrade/expansion work required to support the new rail fleet. Also included is funding for NJ TRANSIT's capital cost-sharing obligations related to use of Amtrak/Conrail facilities.

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

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements Mapped: Y

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

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

DB# T701 River LINE Tier 4 Engine Retrofit Project

AQCODE:

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

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

CIS Program Subcategory: CIS Program Category: Mass Transit Assets

Project Manager: IPD:

Mileposts: N/A Sponsor: NJ TRANSIT

Improvement Type: Mapped: Y

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

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T509

Safety Improvement Program

NEW

AQCODE: M5

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

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory:

CIS Program Category: Transportation Support Facilities

Project Manager:

IPD:

Mileposts: N/A

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

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

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T150 Section 5310 Program

AQCODE: M10

This program provides funds for the purchase of small buses or van-type vehicles for agencies that serve the elderly and persons with disabilities. This was formerly known as the Section 16 Program. This project is funded under the provisions of Section 13 of P.L. 1995, c.108. MATCH funds are provided from the State.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T151 Section 5311 Program

AQCODE: M1

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

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase	Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
CAP	MATCH	0.437	0.437	0.437	0.437	0.437	0.437	0.437	0.437	0.437	0.437
CAP	SECT 5311	0.966	0.966	0.966	0.966	0.966	0.966	0.966	0.966	0.966	0.966
CAP	STATE	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023
Fiscal Year Total		1.426	1.426	1.426	1.426	1.426	1.426	1.426	1.426	1.426	1.426
		Total FY2018-2021				Total Later FY2022-2027					
		5.704				8.556					

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T508 Security Improvements

AQCODE: NRS

This program provides funds for continued modernization/improvements of NJ TRANSIT Police and other security improvements. Today, the NJ TRANSIT Police Department is the only transit policing agency in the country with statewide authority and jurisdiction. The Department was created on January 1, 1983, and it evolved as a result of the passage of the Public Transportation Act of 1979 and subsequent legislation on the state and federal levels. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various Planning Center: None

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

Project Manager: IPD:

Mileposts: Sponsor: NJ TRANSIT

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

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T50 Signals and Communications/Electric Traction Systems

AQCODE: M6

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

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
ERC STATE	2.578	1.691	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	
Fiscal Year Total	2.578	1.691	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	
Total FY2018-2021				5.558	Total Later FY2022-2027				3.868		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T120 Small/Special Services Program

AQCODE: A1

Funding is provided for NJ TRANSIT efforts which initiate or promote transit solutions to reduce congestion, manage transportation demand and improve air quality. Included are State funds for the Vanpool Sponsorship Program, Transportation Management Association Program, and Federal funds for East Windsor Community Shuttle operating support. Funding is also provided for capital acquisition/operating expenses for the Community Shuttle Program, Bike/Transit facilitation, and other activities that improve air quality and help reduce congestion. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the Introduction Section of the STIP. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Local System Support

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T88 Study and Development

AQCODE: X1

This element provides funds for system and infrastructure planning studies to ready projects for design, as well as demand forecasting and other related planning work. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

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

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T500 Technology Improvements

AQCODE: M6

This element funds improvements to passenger communication and fare collection systems and other information technology improvements to meet internal and external customer needs. Funding is included for Public Address Upgrades/Onboard Communication Systems, Bus Radio System Upgrade Program, GIS Systems, TVM Replacement/Expansion, Smart Card Technology and improvements at stations systemwide, computer systems and services, photocopy lease payments, ADA Access Link computer upgrades and upgrades to increase efficiency and productivity of NJ TRANSIT's technology infrastructure to support services to customers. This project is funded under the provisions of Section 13 of P.L. 1995, c.108.

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Management

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

This project contains ITS elements.

Unobligated Prior Year Funding

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

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

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T42 Track Program

AQCODE: M9

"Funding is provided for an annual program of track rehabilitation including systemwide replacement of life-expired ties and other rail improvements, right-of-way fencing, equipment necessary to maintain a state of good and safe repair, purchase of long lead-time materials for next construction season, maintenance-of-way work equipment, interlocking improvements, passing sidings and other improvements. Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP. This project is funded under the provisions of Section 13 of P.L. 1995, c.108."

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

Phase Fund	TIP Program Years (\$ millions)				Later Fiscal Years (\$ millions)					
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
ERC STATE	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055
Fiscal Year Total	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055	1.055
	<u>Total FY2018-2021</u>			4.219	<u>Total Later FY2022-2027</u>			6.329		

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

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

AQCODE: M7

Funding is provided for projects or project elements that are designed to enhance mass transportation service or use and are physically or functionally related to transit facilities as outlined in FTA Circular 9030.1C., including funding for a Statewide Bus Signs and Shelter Maintenance Upgrade Program and historic restoration of NJ TRANSIT facilities.

Toll Credit will be used as the non-federal match. An explanation of toll credit can be found in the introduction section of the STIP.

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

CMP: Not SOV Capacity Adding

Municipalities: Various

Planning Center: None

CIS Program Subcategory: System Preservation

CIS Program Category: Mass Transit Assets

Project Manager:

IPD:

Mileposts:

Sponsor: NJ TRANSIT

Improvement Type: Transit Improvements

Mapped: Y

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T300

Transit Rail Initiatives

AQCODE: NRS

This program provides funding for transit expansion projects, including River Line Glassboro-Camden Light Rail Improvements, new station construction, ferry program, fixed guideway improvements (Rail, Light Rail, BRT, and Ferry), and related vehicle and equipment acquisition. Also included are FTA new starts projects authorized under New Jersey Urban Core or SAFETEA-LU. Potential projects in this category include (in no rank order): Northern Branch Rail; HBLR Extension to Secaucus; HBLR Secaucus-Meadowlands Connector; Passaic-Bergen rail service on the NYS&W east of Hawthorne using Diesel Multiple Unit (DMU) passenger equipment; Restoration of commuter rail service on the NYS&W west of Hawthorne; Port Morris Improvements; West Shore--Hoboken to West Haverstraw; NERL Elizabeth Segment from NJ TRANSIT'S Northeast Corridor Midtown Elizabeth Station to Newark Liberty International Airport via the Elizabeth Waterfront; Restoration of commuter rail service on the West Trenton line; River LINE LRT Capitol Extension; Second Phase of River LINE LRT/PATCO Extension; Glassboro-Camden Light Rail; Route 1 BRT, Second Phase of NERL (Newark Penn Station to Newark Liberty International Airport); Commuter rail extension in Monmouth and Ocean Counties; Lehigh Third Track Capacity Improvements; Extension of Cape May Seashore Line north to Hammonton (to Atlantic City Rail Line); Commuter Rail extension to Phillipsburg, improvements on the Atlantic City Rail Line, new rail station improvements such as Atlantic City Line/River LINE connection, Moynihan Station, Penn Station New York access improvements and platform extensions, Penn Station New York Central Concourse, Penn Station New York West End Concourse, E-yard expansion, Bus Rapid Transit Initiatives, Park and Rides and Smart Card Technology Program along with other new systemwide, rail, bus, and light rail initiatives arising during the year.

The narrative above governs how the state Transportation Trust Funds that are appropriated in the state budget to "Transit Rail Initiatives" can be used. The Transit Rail Initiatives project is a state funded effort that is displayed here only for information purposes in order to give a better understanding of total transportation funding. As shown below, there is no Federal funding allocated to the Transit Rail Initiatives project in the first four constrained years. In compliance with the state budget and the language above, state Transit Rail Initiatives funds will be used to advance the projects listed above, some of which are also authorized under Federal law, but not yet funded with Federal dollars.

Funding is also provided to advance projects dependent on other non-federal (including private) funding, and/or state resources available beyond planned levels.

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

CMP: Not SOV Capacity Adding

Municipalities: Various

CIS Program Subcategory: System Expansion

Project Manager:

Mileposts:

Improvement Type: Transit Improvements

Planning Center: None

CIS Program Category: Congestion Relief

IPD:

Sponsor: NJ TRANSIT

Mapped: Y

This project may be suitable for ITS treatments.

Unobligated Prior Year Funding

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

TIP Program Years (\$ millions)

Later Fiscal Years (\$ millions)

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

DVRPC FY2018-2021 TIP for New Jersey

New Jersey Transit Program

Final Version

NJ TRANSIT

DB# T303

Walter Rand Transportation Center

NEW

AQCODE: M8

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

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

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

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

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