

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

ADA Curb Ramp Implementation

**DBNUM:** 11344

The Federal Highway Administration requested NJDOT to complete an Americans with Disabilities Act (ADA) Curb Ramp Inventory and develop an Implementation Program. A priority list of locations that are missing ADA curb ramps was developed and this funding will be applied to projects that are missing ADA curb ramps statewide. There are currently 17% of state roadway intersections that are missing curb ramps.

**Project Type:** Multimodal Programs

**RCIS Category:** Bike/Ped

**Sponsor:** NJDOT

**Air Quality Code:** S6

**FY 2012 - 2015 TIP Cost: (Million) \$4.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STP	\$1.000	\$1.000	\$1.000	\$1.000	\$12.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$12.000

Advance Acquisition of Right of Way

**DBNUM:** X12

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

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$2.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ROW	STATE	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

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## Transportation Improvement Program Fiscal Years 2012 - 2015

Airport Improvement Program

DBNUM: 08415

Notwithstanding any law to the contrary, amounts herein appropriated for the Airport Improvement Program are appropriated for grants to be awarded by the Commissioner of NJDOT pursuant to a competitive project application process for projects, including but not limited to, safety, preservation, rehabilitation and capital improvements (such as runway, taxiway and apron improvements, airport lighting and navigational aids, aviation fuel farms, automated weather observation systems, airport security, airport access roads, etc.) at public-use general aviation airports, aviation planning purposes, aviation education and promotion programs, aviation studies, airport feasibility studies, and also to provide funds to help match and capture federal funds.

**Project Type:** Airport Assets

**RCIS Category:** Aviation

**Sponsor:** NJDOT

**Air Quality Code:** O10a

**FY 2012 - 2015 TIP Cost: (Million) \$20.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	STATE	\$5.000	\$5.000	\$5.000	\$5.000	\$30.000
		\$5.000	\$5.000	\$5.000	\$5.000	\$30.000

Asbestos Surveys and Abatements

DBNUM: 04311

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.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O1

**FY 2012 - 2015 TIP Cost: (Million) \$2.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
DES	STATE	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

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## Transportation Improvement Program Fiscal Years 2012 - 2015

Betterments, Bridge Preservation

DBNUM: X72A

The ongoing state portion of this program is for minor improvements to the state highway system for bridge maintenance repair contracts, repair parts, and miscellaneous needs for emergent bridge projects. The Interstate-Maintenance funded portion of the program will address only Interstate routes to insure the integrity of structures by providing preventive maintenance, such as deck and joint inspection and repair, scupper inspection and repair and deck sealing treatments.

**Project Type:** Bridge Assets

**RCIS Category:** Bridges

**Sponsor:** NJDOT

**Air Quality Code:** S19

**FY 2012 - 2015 TIP Cost: (Million) \$108.000**

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	I-MAINT	\$5.000	\$5.000	\$5.000	\$5.000	\$30.000
EC	STATE	\$22.000	\$22.000	\$22.000	\$22.000	\$132.000
		\$27.000	\$27.000	\$27.000	\$27.000	\$162.000

Betterments, Dams

DBNUM: 01335

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.

**Project Type:** Bridge Assets

**RCIS Category:** Road Preservation

**Sponsor:** NJDOT

**Air Quality Code:** O1

**FY 2012 - 2015 TIP Cost: (Million) \$1.400**

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$.350	\$.350	\$.350	\$.350	\$2.100
		\$.350	\$.350	\$.350	\$.350	\$2.100

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Betterments, Roadway Preservation

**DBNUM:** X72B

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.

**Project Type:** Road Assets

**RCIS Category:** Road Preservation

**Sponsor:** NJDOT

**Air Quality Code:** S4

**FY 2012 - 2015 TIP Cost: (Million) \$40.780**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$10.195	\$10.195	\$10.195	\$10.195	\$61.170
		\$10.195	\$10.195	\$10.195	\$10.195	\$61.170

Betterments, Safety

**DBNUM:** X72C

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.

**Project Type:** Safety Management

**RCIS Category:** Safety

**Sponsor:** NJDOT

**Air Quality Code:** S9

**FY 2012 - 2015 TIP Cost: (Million) \$28.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$7.000	\$7.000	\$7.000	\$7.000	\$42.000
		\$7.000	\$7.000	\$7.000	\$7.000	\$42.000

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## Transportation Improvement Program Fiscal Years 2012 - 2015

Bicycle & Pedestrian Facilities/Accommodations

DBNUM: X185

This is a comprehensive program to insure the broad implementation of the Statewide Bicycle/Pedestrian Master Plan and the implementation of federal and state policies and procedures pertaining to bicycle and pedestrian access and safety. This program includes addressing bicycle and pedestrian travel needs through the development of bicycle and pedestrian improvements on state and county systems as independent capital projects and by ensuring that all departmental projects include full consideration of bicycle and pedestrian needs. Funding will also be provided for the design and/or construction of bicycle/pedestrian facilities. Also included within this program is funding for bicycle/pedestrian mass media programs.

**Project Type:** Multimodal Programs

**RCIS Category:** Bike/Ped

**Sponsor:** NJDOT

**Air Quality Code:** AQ2

**FY 2012 - 2015 TIP Cost: (Million) \$24.000**

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	CMAQ	\$5.000	\$5.000	\$5.000	\$5.000	\$30.000
ERC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$6.000	\$6.000	\$6.000	\$6.000	\$36.000

Bridge Deck/Superstructure Replacement Program

DBNUM: 03304

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.

**Project Type:** Bridge Assets

**RCIS Category:** Bridges

**Sponsor:** NJDOT

**Air Quality Code:** S19

**FY 2012 - 2015 TIP Cost: (Million) \$180.000**

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	BRIDGE	\$5.000	\$5.000	\$5.000	\$5.000	\$30.000
EC	BRIDGE	\$29.000	\$40.000	\$40.000	\$40.000	\$240.000
EC	I-MAINT	\$11.000				
		\$45.000	\$45.000	\$45.000	\$45.000	\$270.000

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## Transportation Improvement Program Fiscal Years 2012 - 2015

Bridge Management System

**DBNUM:** X70

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.

**Project Type:** Bridge Assets

**RCIS Category:** Bridges

**Sponsor:** NJDOT

**Air Quality Code:** S19

**FY 2012 - 2015 TIP Cost: (Million) \$1.600**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	BRIDGE	\$.400	\$.400	\$.400	\$.400	\$2.400
		\$.400	\$.400	\$.400	\$.400	\$2.400

Bridge Painting Program

**DBNUM:** X08

This program provides funding for painting steel on various bridges as an anti-corrosion measure in order to extend the life of these bridges. Bridge painting contracts will be awarded to preserve and extend the useful life of bridges. The bridge painting contracts will be constituted from an approved list of bridges based on the availability and regional breakdown of funding.

**Project Type:** Bridge Assets

**RCIS Category:** Bridges

**Sponsor:** NJDOT

**Air Quality Code:** S10

**FY 2012 - 2015 TIP Cost: (Million) \$68.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STP	\$17.000	\$17.000	\$17.000	\$17.000	\$102.000
		\$17.000	\$17.000	\$17.000	\$17.000	\$102.000

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## Transportation Improvement Program Fiscal Years 2012 - 2015

Bridge Replacement, Future Projects

**DBNUM:** 08381

Future projects related to bridge replacements, Statewide.

**Project Type:** Bridge Assets

**RCIS Category:** Bridges

**Sponsor:** NJDOT

**Air Quality Code:** S19

**FY 2012 - 2015 TIP Cost: (Million) \$22.402**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	BRIDGE	\$22.402				\$751.485
ERC	STATE					\$597.680
		\$22.402				\$1349.165

Bridge Scour Countermeasures

**DBNUM:** 98316

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

**Project Type:** Bridge Assets

**RCIS Category:** Bridges

**Sponsor:** NJDOT

**Air Quality Code:** O5

**FY 2012 - 2015 TIP Cost: (Million) \$24.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	BRIDGE	\$6.000	\$6.000	\$6.000	\$6.000	
		\$6.000	\$6.000	\$6.000	\$6.000	

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## Transportation Improvement Program Fiscal Years 2012 - 2015

Bridge, Emergency Repair

**DBNUM:** 98315

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

**Project Type:** Bridge Assets

**RCIS Category:** Bridges

**Sponsor:** NJDOT

**Air Quality Code:** O9

**FY 2012 - 2015 TIP Cost: (Million) \$120.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$30.000	\$30.000	\$30.000	\$30.000	\$180.000
		\$30.000	\$30.000	\$30.000	\$30.000	\$180.000

Capital Contract Payment Audits

**DBNUM:** 98319

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

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10a

**FY 2012 - 2015 TIP Cost: (Million) \$6.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$1.500	\$1.500	\$1.500	\$1.500	\$9.000
		\$1.500	\$1.500	\$1.500	\$1.500	\$9.000

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## Transportation Improvement Program Fiscal Years 2012 - 2015

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

**DBNUM:** 02379

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

**Project Type:** Congestion Relief

**RCIS Category:** ITS

**Sponsor:** NJDOT

**Air Quality Code:** S7

**FY 2012 - 2015 TIP Cost: (Million) \$8.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	STATE	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
		\$2.000	\$2.000	\$2.000	\$2.000	\$12.000

Congestion Relief, Operational Improvements (Fast Move Program)

**DBNUM:** 02378

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

**Project Type:** Congestion Relief

**RCIS Category:** Road Enhancement

**Sponsor:** NJDOT

**Air Quality Code:** O10a

**FY 2012 - 2015 TIP Cost: (Million) \$16.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
		\$4.000	\$4.000	\$4.000	\$4.000	\$24.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Construction Inspection

**DBNUM:** X180

In order to provide inspection of construction projects on an as-needed basis, the NJDOT provides term agreements. This service also provides materials inspection of structural steel and precast concrete produced at out-of-state fabrication facilities.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10a

**FY 2012 - 2015 TIP Cost: (Million) \$30.850**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$7.250	\$7.600	\$8.000	\$8.000	\$48.000
		\$7.250	\$7.600	\$8.000	\$8.000	\$48.000

Construction Program IT System (TRNS.PORT)

**DBNUM:** 05304

This program will provide a replacement system for the current information technology (IT) systems supporting the Estimating through Awarding of Construction Projects. It will also implement IT systems for Construction Management, Materials and Civil Rights including annual licensing fees.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10b

**FY 2012 - 2015 TIP Cost: (Million) \$2.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

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## Transportation Improvement Program Fiscal Years 2012 - 2015

Culvert Inspection Program, Locally-owned Structures

**DBNUM:** 99322A

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

**Project Type:** Bridge Assets

**RCIS Category:** Road Preservation

**Sponsor:** NJDOT

**Air Quality Code:** S19

**FY 2012 - 2015 TIP Cost: (Million) \$18.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$4.500	\$4.500	\$4.500	\$4.500	\$27.000
		\$4.500	\$4.500	\$4.500	\$4.500	\$27.000

Culvert Inspection Program, State-owned Structures

**DBNUM:** 99322

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

**Project Type:** Bridge Assets

**RCIS Category:** Bridges

**Sponsor:** NJDOT

**Air Quality Code:** S19

**FY 2012 - 2015 TIP Cost: (Million) \$3.200**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$.800	\$.800	\$.800	\$.800	\$4.800
		\$.800	\$.800	\$.800	\$.800	\$4.800

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## Transportation Improvement Program Fiscal Years 2012 - 2015

Culvert Replacement Program

**DBNUM:** 09316

Culvert replacements will be initiated based on the results of the culvert inspection program. Culvert replacements will be done via Pipeline 3 contracts. It is anticipated that these culverts will be replaced in the same location with basically the same waterway opening size and will require no ROW and minimal utility involvement.

**Project Type:** Bridge Assets

**RCIS Category:** Road Preservation

**Sponsor:** NJDOT

**Air Quality Code:** S4

**FY 2012 - 2015 TIP Cost: (Million) \$12.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	STATE	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
ERC	STP	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$3.000	\$3.000	\$3.000	\$3.000	\$18.000

DBE Supportive Services Program

**DBNUM:** X142

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.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10b

**FY 2012 - 2015 TIP Cost: (Million) \$2.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STP	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

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## Transportation Improvement Program Fiscal Years 2012 - 2015

Design, Emerging Projects

DBNUM: X106

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.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$22.000**

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
DES	STATE	\$7.000	\$5.000	\$5.000	\$5.000	\$30.000
		\$7.000	\$5.000	\$5.000	\$5.000	\$30.000

Design, Geotechnical Engineering Tasks

DBNUM: 05342

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.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O1, O10a

**FY 2012 - 2015 TIP Cost: (Million) \$1.000**

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
DES	STATE		\$.500		\$.500	\$1.500
			\$.500		\$.500	\$1.500

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Disadvantaged Business Enterprise

**DBNUM:** X197

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

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$0.400**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STP	\$.100	\$.100	\$.100	\$.100	\$.600
		\$.100	\$.100	\$.100	\$.100	\$.600

Drainage Rehabilitation & Improvements

**DBNUM:** X154D

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

**Project Type:** Road Assets

**RCIS Category:** Road Preservation

**Sponsor:** NJDOT

**Air Quality Code:** S4

**FY 2012 - 2015 TIP Cost: (Million) \$16.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	EB	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
		\$4.000	\$4.000	\$4.000	\$4.000	\$24.000

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## Transportation Improvement Program Fiscal Years 2012 - 2015

Drainage Rehabilitation and Maintenance, State

**DBNUM:** X154

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.

**Project Type:** Road Assets

**RCIS Category:** Road Preservation

**Sponsor:** NJDOT

**Air Quality Code:** S4

**FY 2012 - 2015 TIP Cost: (Million) \$38.216**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$9.554	\$9.554	\$9.554	\$9.554	\$57.324
		\$9.554	\$9.554	\$9.554	\$9.554	\$57.324

Electrical Facilities

**DBNUM:** X241

This program provides funding for purchasing materials in addition to replacement, repair, preservation, and installation of electrical facilities along the state highway system. Included in this program are highway lighting, sign lighting, cathodic protection for bridges, road weather information systems and traffic counting/monitoring sites.

**Project Type:** Road Assets

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** S18, O7

**FY 2012 - 2015 TIP Cost: (Million) \$21.784**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$5.446	\$5.446	\$5.446	\$5.446	\$32.676
		\$5.446	\$5.446	\$5.446	\$5.446	\$32.676

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## Transportation Improvement Program Fiscal Years 2012 - 2015

Electrical Load Center Replacement, Statewide

**DBNUM:** 04324

This project will provide for the betterment of the existing highway lighting facilities. The existing facilities do not comply with current electrical code and replacement equipment is not available. Due to high traffic volumes, maintenance of the existing facilities is hazardous to NJDOT personnel. The use of high-mast lighting will be investigated. ROW acquisition may be required.

**Project Type:** Transportation Support Facilities

**RCIS Category:** Safety

**Sponsor:** NJDOT

**Air Quality Code:** S18

**FY 2012 - 2015 TIP Cost: (Million) \$8.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	STATE	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
		\$2.000	\$2.000	\$2.000	\$2.000	\$12.000

Environmental Investigations

**DBNUM:** X75

This program provides funding for environmental assessment work products provided on a quick-response basis through specialized task-order consultant agreements in such areas as ecology, hazardous waste investigations, cultural resource investigations and National Environmental Protection Agency, and Section 4(f) documentation. Funding is also provided for environmental permit fees, laboratory fees, and other environmental consultant agreements requiring 100% state funding. This general program will, furthermore, provide for the cleanup at various locations, of gasoline UST Discharge, reduction and disposal of solid and hazardous waste materials from state highway system preservation operations and private disposal sites used during construction and subsequent maintenance of transportation facilities.

**Project Type:** Capital Program Delivery

**RCIS Category:** Environment/Air Quality

**Sponsor:** NJDOT

**Air Quality Code:** O1

**FY 2012 - 2015 TIP Cost: (Million) \$8.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
		\$2.000	\$2.000	\$2.000	\$2.000	\$12.000

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## Transportation Improvement Program Fiscal Years 2012 - 2015

Environmental Project Support

**DBNUM:** 03309

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.

**Project Type:** Capital Program Delivery

**RCIS Category:** Environment/Air Quality

**Sponsor:** NJDOT

**Air Quality Code:** O1

**FY 2012 - 2015 TIP Cost: (Million) \$1.200**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	STATE	\$.300	\$.300	\$.300	\$.300	\$1.800
		\$.300	\$.300	\$.300	\$.300	\$1.800

Equipment Purchase (Vehicles, Construction, Safety)

**DBNUM:** X15

This program provides funding or the direct purchase 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, Ward Fuel System hardware and software, HARs trailers for diversion route planning and implementation (and all parts associated with this equipment). This equipment will support the expanded capital, safety and maintenance programs. Part of this funding should be used to replace equipment that is over-age and that has fallen behind the planned life cycle due to recurring budget shortfalls and budget cuts in the equipment area.

**Project Type:** Transportation Support Facilities

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$40.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$10.000	\$10.000	\$10.000	\$10.000	\$60.000
		\$10.000	\$10.000	\$10.000	\$10.000	\$60.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Ferry Program

DBNUM: 00377

This program provides federal dollars allocated from the Ferry Boat Discretionary Fund program for construction/improvement to ferry boats and ferry terminals. Funding comes from set-aside funds and potential earmarks.

**Project Type:** Multimodal Programs

**RCIS Category:** Transit Enhancement

**Sponsor:** NJDOT

**Air Quality Code:** O10a

**FY 2012 - 2015 TIP Cost: (Million) \$40.000**

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	FERRY	\$10.000	\$10.000	\$10.000	\$10.000	\$60.000
		\$10.000	\$10.000	\$10.000	\$10.000	\$60.000

Freight Program

DBNUM: X34

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

In addition, federal high priority funding is provided for the Port Reading project which will improve air quality through the reduction of engine idling behind Rosewood Lane. (\$640,000 available 20% per year, ID NJ-242)

**Project Type:** Multimodal Programs

**RCIS Category:** Freight

**Sponsor:** NJDOT

**Air Quality Code:** O8

**FY 2012 - 2015 TIP Cost: (Million) \$40.000**

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$10.000	\$10.000	\$10.000	\$10.000	\$60.000
		\$10.000	\$10.000	\$10.000	\$10.000	\$60.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Highway Safety Improvement Program Planning

DBNUM: 09388

This line item consists of two programs: Safety Management System (SMS) (1.34 Miles) safety improvement projects and Rail-Highway safety improvement projects (2.081 Miles). 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 includes portions of Rt. 1, 9, 22, 40, 46, 47, 73 and 206. The Intersection Improvement Program (IIP) 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.

**Project Type:** Safety Management

**RCIS Category:** Safety

**Sponsor:** NJDOT

**Air Quality Code:** S6

**FY 2012 - 2015 TIP Cost: (Million) \$16.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	HSIP	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
		\$4.000	\$4.000	\$4.000	\$4.000	\$24.000

Intelligent Transportation Systems

DBNUM: 03305

This program provides funding to support the NJDOT Intelligent Transportation Systems (ITS) Investment Strategy, the ITS Architecture and other ITS initiatives to maintain, enhance, and expand the ITS facilities throughout the State, including integration with Transportation Security Systems. Maintenance of the ITS Architecture is necessary to meet Federal Highway Administration requirements for the funding of ITS related projects or ITS components within other improvement projects. This support includes the review and development of new technology applications, procurement and testing deployments of new technologies, the design and development of contract documents to implement new technologies, the design and development of contract documents to implement specific initiatives, engineering assistance to the NJDOT Traffic Operations Centers, and maintaining an ITS information database integration with the NJDOT Geographic Information System (GIS).

Funding is also provided for NJ Institute of Technology as the ITS Resource Center to utilize the university's engineering and information technology programs to assist NJDOT in evaluating new technologies and optimizing strategies for the deployment of ITS to meet the transportation needs of the State. This NJ Institute of Technology resource will be the primary research and technology support of the NJDOT ITS Engineering Bureau and will be organized to best respond to NJDOT needs to keep up with the complex and continually changing ITS technologies.

**Project Type:** Congestion Relief

**RCIS Category:** ITS

**Sponsor:** NJDOT

**Air Quality Code:** O10b

**FY 2012 - 2015 TIP Cost: (Million) \$6.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	EB	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
ERC	STATE	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$1.500	\$1.500	\$1.500	\$1.500	\$9.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Intersection Improvement Program

DBNUM: 98333

This program provides for the development and 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 turn, left turn and pedestrian crash occurrences at intersection locations.

**Project Type:** Safety Management  
**RCIS Category:** Road Enhancement  
**Sponsor:** NJDOT  
**Air Quality Code:** S6

**FY 2012 - 2015 TIP Cost: (Million) \$4.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	HSIP	\$1.000	\$1.000	\$1.000	\$1.000	\$26.000
ERC	STATE					\$25.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$51.000

Interstate Service Facilities

DBNUM: X151

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

**Project Type:** Road Assets  
**RCIS Category:** Road Preservation  
**Sponsor:** NJDOT  
**Air Quality Code:** S15

**FY 2012 - 2015 TIP Cost: (Million) \$0.400**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$.100	\$.100	\$.100	\$.100	\$.600
		\$.100	\$.100	\$.100	\$.100	\$.600

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Legal Costs for Right of Way Condemnation

**DBNUM:** X137

This program provides reimbursement to the Division of Law for legal work performed in connection with right of way condemnation and capital project litigation.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O3

**FY 2012 - 2015 TIP Cost: (Million) \$6.400**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$1.600	\$1.600	\$1.600	\$1.600	\$9.600
		\$1.600	\$1.600	\$1.600	\$1.600	\$9.600

Local Aid Grant Management System

**DBNUM:** 06327

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.

**Project Type:** Local System Support

**RCIS Category:** Other

**Sponsor:** NJDOT

**Air Quality Code:** O10a

**FY 2012 - 2015 TIP Cost: (Million) \$0.400**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$.100	\$.100	\$.100	\$.100	\$.600
		\$.100	\$.100	\$.100	\$.100	\$.600

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Local Aid, Infrastructure Fund

**DBNUM:** X186

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

**Project Type:** Local System Support

**RCIS Category:** Other

**Sponsor:** Local Lead

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$60.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	STATE	\$7.500	\$17.500	\$17.500	\$17.500	\$105.000
		\$7.500	\$17.500	\$17.500	\$17.500	\$105.000

Local Bridges, Future Needs

**DBNUM:** 08387

Funding is provided for future needs related to the local bridge system.

**Project Type:** Local System Support

**RCIS Category:** Bridges

**Sponsor:** NJDOT

**Air Quality Code:** S19

**FY 2012 - 2015 TIP Cost: (Million) \$100.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	STATE	\$25.000	\$25.000	\$25.000	\$25.000	\$150.000
		\$25.000	\$25.000	\$25.000	\$25.000	\$150.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Local Municipal Aid, Urban Aid

**DBNUM:** X98Z

This program provides funds allocated to Urban Aid for transportation improvements under the NJ Transportation Trust Fund Act.

**Project Type:** Local System Support

**RCIS Category:** Other

**Sponsor:** Local Lead

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$20.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	STATE	\$5.000	\$5.000	\$5.000	\$5.000	\$30.000
		\$5.000	\$5.000	\$5.000	\$5.000	\$30.000

Maintenance & Fleet Management System

**DBNUM:** X196

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.

**Project Type:** Road Assets

**RCIS Category:** Road Preservation

**Sponsor:** NJDOT

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$4.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$6.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Maritime Transportation System

DBNUM: 01309

This program provides funding to support New Jersey's Maritime Industry and Marine Transportation System. The system includes navigable channels, dredging 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. Funding may also be provided for the Port Jersey channel dredging project.

**Project Type:** Multimodal Programs

**RCIS Category:** Freight

**Sponsor:** NJDOT

**Air Quality Code:** O10a

**FY 2012 - 2015 TIP Cost: (Million) \$4.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$6.000

Minority and Women Workforce Training Set Aside

DBNUM: 07332

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.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10b

**FY 2012 - 2015 TIP Cost: (Million) \$4.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$6.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Motor Vehicle Crash Record Processing

**DBNUM:** X233

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.

**Project Type:** Safety Management

**RCIS Category:** Safety

**Sponsor:** NJDOT

**Air Quality Code:** S12

**FY 2012 - 2015 TIP Cost: (Million) \$16.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	EB	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
		\$4.000	\$4.000	\$4.000	\$4.000	\$24.000

National Boating Infrastructure Grant Program

**DBNUM:** 01342

This program will provide funds to construct, renovate, and maintain tie-up facilities for vessels that are 26 feet or more in length. Tie-up facilities include mooring buoys, day-docks, navigational aides, seasonal slips, safe harbors, floating and fixed piers, floating and fixed breakwaters, dinghy docks, restrooms, retaining walls, bulkheads, dockside utilities, pump out stations, recycling and trash receptacles, electric service, water supplies, and pay telephones. Activities eligible for funding are: construction, renovation and maintenance of public and private boating infrastructure tie-up facilities; one-time dredging only between the tie-up facility and the already maintained channel; installation of navigational aides; application of funds to grant administration; and funding preliminary costs.

**Project Type:** Multimodal Programs

**RCIS Category:** Freight

**Sponsor:** NJDOT

**Air Quality Code:** O10b

**FY 2012 - 2015 TIP Cost: (Million) \$6.400**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	NBIG	\$1.600	\$1.600	\$1.600	\$1.600	\$9.600
		\$1.600	\$1.600	\$1.600	\$1.600	\$9.600

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

New Jersey Scenic Byways Program

**DBNUM:** X200C

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.

**Project Type:** Road Assets

**RCIS Category:** Environment/Air Quality

**Sponsor:** NJDOT

**Air Quality Code:** O4

**FY 2012 - 2015 TIP Cost: (Million) \$12.430**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	OTHER	\$3.430				
ERC	SCENIC BYWAY	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
ERC	STP-TE	\$.250	\$.250	\$.250	\$.250	\$1.500
		\$5.680	\$2.250	\$2.250	\$2.250	\$13.500

Orphan Bridge Reconstruction

**DBNUM:** 99372

This program provides for the engineering and construction of orphan bridges. These bridges will be designed utilizing in-house and task order designers. The bridges will be reconstructed in the existing footprint, with the abutments being repaired and the superstructures being replaced with prefabricated/precast systems whenever possible.

**Project Type:** Bridge Assets

**RCIS Category:** Bridges

**Sponsor:** NJDOT

**Air Quality Code:** S19

**FY 2012 - 2015 TIP Cost: (Million) \$4.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$6.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Park and Ride/Transportation Demand Management Program

**DBNUM:** X28B

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

**Project Type:** Congestion Relief

**RCIS Category:** TDM

**Sponsor:** NJDOT

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$36.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	CMAQ	\$8.000	\$8.000	\$8.000	\$8.000	\$48.000
EC	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$9.000	\$9.000	\$9.000	\$9.000	\$54.000

Pavement Preservation

**DBNUM:** X51

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.

**Project Type:** Road Assets

**RCIS Category:** Road Preservation

**Sponsor:** NJDOT

**Air Quality Code:** S10

**FY 2012 - 2015 TIP Cost: (Million) \$18.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	EB	\$5.000	\$5.000	\$4.000	\$4.000	\$24.000
		\$5.000	\$5.000	\$4.000	\$4.000	\$24.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Pedestrian Safety Corridor Program

**DBNUM:** 06401

This is a zone-based approach to reduce pedestrian crashes and/or fatalities. Each zone would be identified through crash history data and estimated rates of exposure to motor vehicles/pedestrian conflicts. Each zone would be examined by NJDOT's Safety Impact Teams who will conduct Road Safety Audits and make recommendations for engineering improvements. These areas will be focus areas for enhanced education and enforcement measures. This program will be monitored for success.

**Project Type:** Safety Management

**RCIS Category:** Bike/Ped

**Sponsor:** NJDOT

**Air Quality Code:** O10b, S6

**FY 2012 - 2015 TIP Cost: (Million) \$2.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	HSIP	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

Pedestrian Safety Improvement Design and Construction

**DBNUM:** 06403

This is a dedicated funding for pedestrian safety corridor projects, independent roadway projects in the pipeline and Safe Streets to NJ Transit projects. These funds are being used for intersection and sidewalk improvements and traffic calming measures. New and high-technological solutions to improve pedestrian accommodations such as overhead crosswalk illumination and high-visibility crosswalk paint will also be funded.

**Project Type:** Safety Management

**RCIS Category:** Bike/Ped

**Sponsor:** NJDOT

**Air Quality Code:** AQ2

**FY 2012 - 2015 TIP Cost: (Million) \$16.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	STATE	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
		\$4.000	\$4.000	\$4.000	\$4.000	\$24.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Physical Plant

**DBNUM:** X29

This program will provide for major repairs, rehabilitation, and replacement of the NJDOT physical plant facilities which are not in compliance with fire and safety standards, do not meet building codes, or which are functionally obsolete for supporting current maintenance, construction, and engineering activities.

**Project Type:** Transportation Support Facilities

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$26.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	STATE	\$6.500	\$6.500	\$6.500	\$6.500	\$39.000
		\$6.500	\$6.500	\$6.500	\$6.500	\$39.000

Planning and Research, Federal-Aid

**DBNUM:** X30

NJDOT will continue to address planning and research needs in a comprehensive program of studies and proposal development in order to maximize the use of financial resources and staff. Activities will include data collection, inter-governmental planning coordination, planning work in support of the management systems, research initiatives and Local Technical Assistance Program.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10b

**FY 2012 - 2015 TIP Cost: (Million) \$108.088**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
PLS	SPR	\$21.022	\$21.022	\$21.022	\$21.022	\$126.132
PLS	STP	\$6.000	\$6.000	\$6.000	\$6.000	\$36.000
		\$27.022	\$27.022	\$27.022	\$27.022	\$162.132

## NJTPA

# Transportation Improvement Program Fiscal Years 2012 - 2015

Planning and Research, State

**DBNUM:** X140

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

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10b

**FY 2012 - 2015 TIP Cost: (Million) \$4.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
PLS	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$1.000	\$1.000	\$1.000	\$1.000	\$6.000

Pre-Apprenticeship Training Program for Minorities and Women

**DBNUM:** X135

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

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$2.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STP	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Program implementation costs, NJDOT

**DBNUM:** X10

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.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$408.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$102.000	\$102.000	\$102.000	\$102.000	\$733.000
		\$102.000	\$102.000	\$102.000	\$102.000	\$733.000

Project Development: Concept Development and Preliminary Engineering

**DBNUM:** 10344

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.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10a

**FY 2012 - 2015 TIP Cost: (Million) \$20.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
CD	STATE	\$5.000	\$5.000	\$5.000	\$5.000	\$30.000
		\$5.000	\$5.000	\$5.000	\$5.000	\$30.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Project Enhancements

DBNUM: 05341

This program provides funding for new methodology for the advancement of the Capital Program due to changes in policy and procedures. This program will provide enhanced data accumulation and advanced dissemination capabilities for senior management.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10a

**FY 2012 - 2015 TIP Cost: (Million) \$0.400**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$.100	\$.100	\$.100	\$.100	\$.600
		\$.100	\$.100	\$.100	\$.100	\$.600

Rail-Highway Grade Crossing Program, State

DBNUM: X35A

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.

**Project Type:** Safety Management

**RCIS Category:** Safety

**Sponsor:** NJDOT

**Air Quality Code:** S1

**FY 2012 - 2015 TIP Cost: (Million) \$8.800**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
CON	STATE	\$2.200	\$2.200	\$2.200	\$2.200	\$13.200
		\$2.200	\$2.200	\$2.200	\$2.200	\$13.200

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Recreational Trails Program

DBNUM: 99409

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 \$15,000 for non-motorized and diverse projects. Grantees must match 20 percent of the total project costs.

**Project Type:** Multimodal Programs

**RCIS Category:** Bike/Ped

**Sponsor:** NJDEP

**Air Quality Code:** AQ2

**FY 2012 - 2015 TIP Cost: (Million) \$5.644**

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	REC TRAILS	\$1.411	\$1.411	\$1.411	\$1.411	\$8.466
		\$1.411	\$1.411	\$1.411	\$1.411	\$8.466

Regional Action Program

DBNUM: X144

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

**Project Type:** Road Assets

**RCIS Category:** Road Preservation

**Sponsor:** NJDOT

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$2.000**

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Restriping Program & Line Reflectivity Management System

**DBNUM:** X03A

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

**Project Type:** Safety Management

**RCIS Category:** Safety

**Sponsor:** NJDOT

**Air Quality Code:** S10

**FY 2012 - 2015 TIP Cost: (Million) \$60.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STP	\$15.000	\$15.000	\$15.000	\$15.000	\$90.000
		\$15.000	\$15.000	\$15.000	\$15.000	\$90.000

Resurfacing Program

**DBNUM:** X03E

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

**Project Type:** Road Assets

**RCIS Category:** Road Preservation

**Sponsor:** NJDOT

**Air Quality Code:** S10

**FY 2012 - 2015 TIP Cost: (Million) \$280.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$70.000	\$70.000	\$70.000	\$70.000	\$695.000
		\$70.000	\$70.000	\$70.000	\$70.000	\$695.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Resurfacing, Federal

DBNUM: 99327A

This program provides for the design and construction of pavement resurfacing projects. This line item will be utilized to provide engineering needed to prepare contract documents to advertise resurfacing projects as well as provide for contractor services to construct resurfacing projects. Project lists will be developed by using the Pavement Management System and visual inspection of the roadway segments in need of repair.

**Project Type:** Road Assets

**RCIS Category:** Road Preservation

**Sponsor:** NJDOT

**Air Quality Code:** S10

**FY 2012 - 2015 TIP Cost: (Million) \$117.699**

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	NHS					\$796.068
ERC	NHS	\$7.000	\$7.000	\$7.000	\$15.519	\$42.000
ERC	STATE		\$21.180	\$30.000	\$30.000	\$180.000
		\$7.000	\$28.180	\$37.000	\$45.519	\$1018.068

Right of Way Database/Document Management System

DBNUM: 05339

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

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10a

**FY 2012 - 2015 TIP Cost: (Million) \$0.400**

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$0.100	\$0.100	\$0.100	\$0.100	
		\$0.100	\$0.100	\$0.100	\$0.100	

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Right of Way Full-Service Consultant Term Agreements

**DBNUM:** 05340

This program will allow for the increased utilization of full service ROW consultant firms to address peak workload demands in the right of way component of the capital program delivery process.

Due to staff reduction, it may be necessary to increase consultant force. The agreements will be established based on initial binding amounts of \$10,000, with the funding of individual task order assignments referenced to project specific state and federal right of way accounts.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O3

**FY 2012 - 2015 TIP Cost: (Million) \$1.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ROW	STATE	\$.050	\$.050	\$.050	\$.050	\$.300
ROW	STP	\$.200	\$.200	\$.200	\$.200	\$1.200
		\$.250	\$.250	\$.250	\$.250	\$1.500

Rutgers Transportation Safety Resource Center (TSRC)

**DBNUM:** 04364

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

**Project Type:** Safety Management

**RCIS Category:** Safety

**Sponsor:** NJDOT

**Air Quality Code:** S6

**FY 2012 - 2015 TIP Cost: (Million) \$5.200**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	EB	\$1.300	\$1.300	\$1.300	\$1.300	\$7.800
		\$1.300	\$1.300	\$1.300	\$1.300	\$7.800

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Safe Corridors Program

DBNUM: 04313

This program will provide for the identification and implementation of safety improvements along the Safe Corridor locations as outlined in the Safety First Initiative. These include portions of Routes 1, 9, 22, 40, 46, 47, 73 and 206. 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, corner modifications and innovative technology, i.e. pedestrian/bicycle detectors, etc.

**Project Type:** Safety Management

**RCIS Category:** Safety

**Sponsor:** NJDOT

**Air Quality Code:** S6

FY 2012 - 2015 TIP Cost: (Million) \$10.000

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	HSIP	\$2.500	\$2.500	\$2.500	\$2.500	\$15.000
		\$2.500	\$2.500	\$2.500	\$2.500	\$15.000

Safe Routes to Schools Program

DBNUM: 99358

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

Under the federal SAFETEA-LU legislation, funding has been 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.

**Project Type:** Multimodal Programs

**RCIS Category:** Safety

**Sponsor:** Local Lead

**Air Quality Code:** AQ2

FY 2012 - 2015 TIP Cost: (Million) \$22.348

Unconstrained  
Information Year

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	SRTS	\$5.587	\$5.587	\$5.587	\$5.587	\$33.522
		\$5.587	\$5.587	\$5.587	\$5.587	\$33.522

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Safe Streets to Transit Program

**DBNUM:** 06402

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.

**Project Type:** Multimodal Programs

**RCIS Category:** Bike/Ped

**Sponsor:** NJDOT

**Air Quality Code:** S6

**FY 2012 - 2015 TIP Cost: (Million) \$2.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

Sign Structure Inspection Program

**DBNUM:** X239

Funding is being provided for the inspection of overhead and cantilever sign structures on state roadways. There are over 1,700 sign structures, including overhead, cantilever and variable message structures on state routes. There have been several near failures of these structures.

This program also provides for the inspection of approximately 200 high mast light pole structures on state roadways. There have been several failures of these structures in other states.

**Project Type:** Bridge Assets

**RCIS Category:** Road Preservation

**Sponsor:** NJDOT

**Air Quality Code:** O7

**FY 2012 - 2015 TIP Cost: (Million) \$6.400**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$1.600	\$1.600	\$1.600	\$1.600	\$9.600
		\$1.600	\$1.600	\$1.600	\$1.600	\$9.600

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Sign Structure Rehabilitation Program

**DBNUM:** X239A

This program provides for the rehabilitation of existing VMS (variable message signs), overhead and cantilever sign structures located on state highways. A number of existing signs have been found to have fatigue cracking that necessitates remedial action. Since the Sign Structure Inspection Program is approximately 20% complete, it is anticipated that additional cracking of sign structures will be discovered as that program progresses.

**Project Type:** Bridge Assets

**RCIS Category:** Road Preservation

**Sponsor:** NJDOT

**Air Quality Code:** O6, O7

**FY 2012 - 2015 TIP Cost: (Million) \$12.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
DES	STP	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
CON	STP	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
		\$3.000	\$3.000	\$3.000	\$3.000	\$18.000

Signs Program, Statewide

**DBNUM:** X39

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.

**Project Type:** Road Assets

**RCIS Category:** ITS

**Sponsor:** NJDOT

**Air Quality Code:** O7

**FY 2012 - 2015 TIP Cost: (Million) \$8.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
		\$2.000	\$2.000	\$2.000	\$2.000	\$12.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

State Police Enforcement and Safety Services

**DBNUM:** X150

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

**Project Type:** Capital Program Delivery

**RCIS Category:** Safety

**Sponsor:** NJDOT

**Air Quality Code:** S6

**FY 2012 - 2015 TIP Cost: (Million) \$20.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$5.000	\$5.000	\$5.000	\$5.000	\$30.000
		\$5.000	\$5.000	\$5.000	\$5.000	\$30.000

State Police Safety Patrols

**DBNUM:** 04312

This program will provide funding for additional State Police presence on state highways to reduce accidents and fatalities and document the impacts of additional enforcement on overall highway safety and compliance with traffic laws.

**Project Type:** Safety Management

**RCIS Category:** Safety

**Sponsor:** NJDOT

**Air Quality Code:** S6

**FY 2012 - 2015 TIP Cost: (Million) \$4.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	EB		\$2.000		\$2.000	\$6.000
			\$2.000		\$2.000	\$6.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Statewide Incident Management Program

**DBNUM:** X230

This statewide program is aimed at reducing delays due to transportation incidents. This program provides funding for the following: equip and train the NJDOT Incident Response Team; train county and local emergency responders on methods to reduce traffic delays caused by incidents; develop, print and distribute diversion route manuals; develop partnerships with local and state law enforcement organizations; and maintain a State Police Traffic Incident Management Unit.

**Project Type:** Congestion Relief

**RCIS Category:** ITS

**Sponsor:** NJDOT

**Air Quality Code:** S12

**FY 2012 - 2015 TIP Cost: (Million) \$23.200**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	EB	\$5.800	\$5.800	\$5.800	\$5.800	\$34.800
		\$5.800	\$5.800	\$5.800	\$5.800	\$34.800

Statewide Traffic Management/Information Program

**DBNUM:** 06324

This program provides for the operation of a 24-hour traffic management center (STMC) jointly staffed by NJDOT, NJ Turnpike Authority, NJ State Police and other agencies. STMC serves three primary functions: traffic operations center (TOC) for the northern half of the state, night/weekend operation for the entire state and finally, the coordinator of any major traffic event which could impact any of the toll roads. This project also provides for statewide contracts to maintain, operate and enhance Intelligent Transportation System facilities and programs such as 511 and TRANSCOM.

**Project Type:** Congestion Relief

**RCIS Category:** ITS

**Sponsor:** NJDOT

**Air Quality Code:** O8

**FY 2012 - 2015 TIP Cost: (Million) \$16.800**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	EB	\$4.000	\$4.000	\$4.000	\$4.000	\$24.000
EC	STATE	\$.200	\$.200	\$.200	\$.200	\$1.200
		\$4.200	\$4.200	\$4.200	\$4.200	\$25.200

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Traffic Monitoring Systems

DBNUM: X66

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 production of the CD-ROM, 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.

**Project Type:** Capital Program Delivery

**RCIS Category:** ITS

**Sponsor:** NJDOT

**Air Quality Code:** O10b

**FY 2012 - 2015 TIP Cost: (Million) \$55.640**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
PLS	EB	\$12.910	\$12.910	\$12.910	\$12.910	\$77.460
PLS	STATE	\$1.000	\$1.000	\$1.000	\$1.000	\$6.000
		\$13.910	\$13.910	\$13.910	\$13.910	\$83.460

Traffic Signal Replacement

DBNUM: X47

This program provides for the purchase of materials and installation of new and upgraded traffic signals statewide and related improvements to the operation of signals. This program will provide for the replacement of traffic signals on an annual basis and assist regional operations in the rehabilitation and maintenance of our highway lighting system. It also includes the replacement of energy efficient LED indicators (State). Through a traffic signal management system that will provide a condition rating of the signal equipment integrated with crash data and congestion management system data, this program (to be developed via consultant RFP, analyzing corridor segments and creating a safety ranking based on MUTCD compliance, pedestrian facilities, controller capabilities, method of detection, accessibility, and other factors) will prioritize the signals for replacement based on the above data. The results of the priority locations will be to systematically replace aging signal equipment, optimize the operation of the signal, and provide maximum efficiency of the intersection (HSIP).

**Project Type:** Safety Management

**RCIS Category:** ITS

**Sponsor:** NJDOT

**Air Quality Code:** S7

**FY 2012 - 2015 TIP Cost: (Million) \$46.444**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	HSIP	\$2.500	\$2.500	\$2.500	\$2.500	\$15.000
EC	STATE	\$9.111	\$9.111	\$9.111	\$9.111	\$54.666
		\$11.611	\$11.611	\$11.611	\$11.611	\$69.666

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Traffic Signal Timing and Optimization

**DBNUM:** 04320

Funding is being provided for a comprehensive program to develop optimized traffic signal timings for state highways. This program includes development and implementation of new traffic signal timings and re-timings of existing installations using modern, computerized modeling and simulation techniques for development of such timings.

**Project Type:** Congestion Relief

**RCIS Category:** ITS

**Sponsor:** NJDOT

**Air Quality Code:** NR2

**FY 2012 - 2015 TIP Cost: (Million) \$6.800**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STP	\$1.700	\$1.700	\$1.700	\$1.700	\$10.200
		\$1.700	\$1.700	\$1.700	\$1.700	\$10.200

Training and Employee Development

**DBNUM:** X244

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.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10b

**FY 2012 - 2015 TIP Cost: (Million) \$7.200**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STP	\$1.800	\$1.800	\$1.800	\$1.800	\$10.800
		\$1.800	\$1.800	\$1.800	\$1.800	\$10.800

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Transportation and Community System Preservation Program

**DBNUM:** 02393

This program provides federal funding for various projects under the Transportation and Community System Preservation Program. The funding for these projects are earmarked via various federal appropriations acts.

**Project Type:** Local System Support

**RCIS Category:** Road Enhancement

**Sponsor:** Local Lead

**Air Quality Code:** O10a

**FY 2012 - 2015 TIP Cost: (Million) \$4.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	DEMO	\$4.000				
		\$4.000				

Transportation Demand Management Program Support

**DBNUM:** X43

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

**Project Type:** Congestion Relief

**RCIS Category:** TDM

**Sponsor:** NJDOT

**Air Quality Code:** AQ1

**FY 2012 - 2015 TIP Cost: (Million) \$0.920**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
PLS	CMAQ	\$.230	\$.230	\$.230	\$.230	\$1.380
		\$.230	\$.230	\$.230	\$.230	\$1.380

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Transportation Enhancements

**DBNUM:** X107

This program provides federal funding for projects such as scenic enhancements, historic preservation, and bicycle and pedestrian improvements.

**Project Type:** Local System Support  
**RCIS Category:** Transp. Enhancements  
**Sponsor:** NJDOT  
**Air Quality Code:** O8

**FY 2012 - 2015 TIP Cost: (Million) \$40.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	STP-TE	\$10.000	\$10.000	\$10.000	\$10.000	\$60.000
		\$10.000	\$10.000	\$10.000	\$10.000	\$60.000

Unanticipated Design, Right of Way and Construction Expenses, State

**DBNUM:** X11

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.

**Project Type:** Capital Program Delivery  
**RCIS Category:** Overhead  
**Sponsor:** NJDOT  
**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$48.674**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
ERC	STATE	\$33.344	\$9.150	\$1.790	\$4.390	\$306.990
		\$33.344	\$9.150	\$1.790	\$4.390	\$306.990

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Underground Exploration for Utility Facilities

**DBNUM:** X101

This program provides funding for the use of subsurface testing to accurately locate and identify underground utilities for the purpose of mitigating design and construction problems caused by conflicts with utility locations.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O1

**FY 2012 - 2015 TIP Cost: (Million) \$0.800**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$.200	\$.200	\$.200	\$.200	\$1.200
		\$.200	\$.200	\$.200	\$.200	\$1.200

University Transportation Research Technology

**DBNUM:** X126

This program provides funding for consultant and university research centers and programs providing support for New Jersey transportation research needs, including the multistate University Transportation Research Center/Research Foundation, NJIT, the National Center for Transportation and Industrial Productivity at NJIT, the LTAP center at Rutgers, the Center for Advanced Infrastructure and Transportation at Rutgers, Rowan University, the College of New Jersey and Stevens Institute of Technology. This program will also provide funding for policy research activities.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$2.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$.500	\$.500	\$.500	\$.500	\$3.000
		\$.500	\$.500	\$.500	\$.500	\$3.000

# NJTPA

## Transportation Improvement Program Fiscal Years 2012 - 2015

Utility Reconnaissance and Relocation

**DBNUM:** X182

This program provides reimbursement for design and construction costs to utility companies required to relocate facilities due to transportation improvement projects.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$8.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STATE	\$2.000	\$2.000	\$2.000	\$2.000	\$12.000
		\$2.000	\$2.000	\$2.000	\$2.000	\$12.000

Youth Employment and TRAC Programs

**DBNUM:** X199

This is a federal grant program that provides employment and training opportunities to at-risk youths in New Jersey, especially those in urban areas.

**Project Type:** Capital Program Delivery

**RCIS Category:** Overhead

**Sponsor:** NJDOT

**Air Quality Code:** O10c

**FY 2012 - 2015 TIP Cost: (Million) \$1.000**

**Unconstrained  
Information Year**

PHASE	SOURCE	2012	2013	2014	2015	2016-2021
EC	STP	\$.250	\$.250	\$.250	\$.250	\$1.500
		\$.250	\$.250	\$.250	\$.250	\$1.500