

FY 2008-11
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
New Jersey Department of Transportation Projects

PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
CARGOMATE	HP01015	HP01015

CARGOMATE is a trade name for an ITS application which tracks the location of intermodal assets such as containers, truck chassis, generators set and drayage tractors belonging to partner operations in port and terminal areas. PAR Government Systems has joined with the FHWA and Maersk SeaLand shipping to deploy this pilot system in the Port Newark/Port Elizabeth area. NJDOT is the pass-through agency for funding.

The following special Federal appropriations were allocated to this project. FY 2001/ITS \$750,000.

COUNTY: Essex Union
MUNICIPALITY: Various
MILEPOSTS: N/A
STRUCTURE NO.: N/A
LEGISLATIVE DISTRICT: 29 20 SPONSOR: Port Authority NYNJ
PROGRAM CATEGORY: Intermodal Programs - Goods Movement

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	ERC	DEMO	\$750,000				

PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
East Coast Greenway, Middlesex/Union Counties	04327B	04327B

This project will include various intersection treatments and grade-separation crossings at locations that intersect with the state highway system. This project will provide bicycle compatibility and opportunity for a safe crossing along the East Coast Greenway route. The locations are as follows: Johnson County Park at Route 27 Albany Street Bridge; Donaldson County Park at Route 1; Railway undercrossing at Route 440, New Brunswick Avenue at Route 35; Rahway River Parkway at Route 27; Cranford Town Hall Path at Route 28; and Suburban Golf Course at Route 82 (Morris Avenue).

The following special Federal appropriation was allocated to this project. FY06 SAFETEA-LU, HPP \$800,000 (available 20% per year).

COUNTY: Middlesex Union
MUNICIPALITY: Various
MILEPOSTS: N/A
STRUCTURE NO.: N/A
LEGISLATIVE DISTRICT: Various SPONSOR: NJDOT
PROGRAM CATEGORY: Intermodal Programs - Bicycle/Pedestrian

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	PD	HPP20	\$640,000				

FY 2008-11
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
New Jersey Department of Transportation Projects

PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
Geraud Avenue Bridge over Green Brook	NS9904	NS9904

This bi-county bridge was constructed in 1904 and carries Geraud Avenue over the Green Brook. The bridge is structurally deficient due to the serious condition of its superstructure as well as a low structural evaluation rating. The bridge is also functionally obsolete due to waterway adequacy, has a sufficiency rating of 35.9, and a weight restriction of three tons due to the low capacity of its structural members. The County will replace the existing structure with a new bridge.

COUNTY: Somerset Union
MUNICIPALITY: North Plainfield Boro Plainfield City
MILEPOSTS: N/A
STRUCTURE NO.: 18M0903
LEGISLATIVE DISTRICT: 22 SPONSOR: Somerset County
PROGRAM CATEGORY: Bridge Preservation - Local Bridges

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	STP-NJ		\$1,500,000			

PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
Kapkowski Road, North Avenue and Trumbull Street	9324	9324

The Trumbull/East Grand Corridor Improvements and the North Avenue Corridor Improvements were identified as part of the Kapkowski Road Transportation Planning Area Study completed in February 2003. The North Avenue Corridor Improvements Project (NACI) was advanced to design. Preliminary roadway and intersection improvement plans have been developed for the Trumbull/East Grand Corridor. The improvement plans consist of preliminary designs associated with intersection modifications to facilitate turning movements, traffic signal installations, geometric roadway improvements, traffic calming and streetscapes.

The following special Federal appropriation was allocated to this project. TEA-21/Q92 \$2,050,199 (balance available \$0); FY06 SAFETEA-LU, HPP, Section 4542 \$1,000,000 (available 20% per year); Section 2478 \$4,560,000 (available 20% per year).

COUNTY: Union
MUNICIPALITY: Elizabeth City
MILEPOSTS: N/A
STRUCTURE NO.: N/A
LEGISLATIVE DISTRICT: 20 SPONSOR: Union County
PROGRAM CATEGORY: Local Aid - Economic Development

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	ERC	HPP20	\$4,448,000	\$1,112,000			

FY 2008-11

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

New Jersey Department of Transportation Projects

<i>PROJECT NAME</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Liberty Corridor Planning Study	06318A	06318A

The Liberty Corridor, a Corridor of national and Regional Significance, is a multifaceted economic development strategy championed by Senator Menendez. The initial planning effort, undertaken by the Liberty Corridor Policy Institute at NJIT, will serve to develop a foundation of information and analysis from which strategic infrastructure and land use investment decisions can be made. This effort shall include the development of a Management and Implementation Plan: a comprehensive, implementable, coordinated, economically driven, environmentally sensitive, port related development plan. The Liberty Corridor management and Implementation Plan will guide public and private sector decisions; provide a corridor identity; lay out specific improvement approaches and themes; be consistent with other plans and programs; and have wide stakeholder involvement. The SAFETEA-LU highway earmarks included the following funding: \$400,000 High Priority (Section 1701), ID #NJ 176, available 20% per year.

COUNTY: Union Essex

MUNICIPALITY: Various

MILEPOSTS:

STRUCTURE NO.:

LEGISLATIVE DISTRICT: 20 29

SPONSOR: NJDOT

PROGRAM CATEGORY: Local Aid - Economic Development

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	PLS	HPP20	\$320,000	\$80,000			

FY 2008-11
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
New Jersey Department of Transportation Projects

PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
Morris Avenue Bridge over Morristown Line	93259	93259

This project is a bridge replacement of the Morris Avenue (CR 651) bridge over NJ Transit (Structure No. 2062-156). The superstructure will be replaced and repairs made to the substructure with minor road improvements. The proposed bridge will have a 15 ft. lane and 5 ft. sidewalk in each direction.

COUNTY: Union
MUNICIPALITY: Summit City
MILEPOSTS: N/A
STRUCTURE NO.: 2062156
LEGISLATIVE DISTRICT: 21 SPONSOR: NJDOT
PROGRAM CATEGORY: Bridge Preservation - NJ TRANSIT Bridges

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	DES	STP-NJ	\$750,000				
NJTPA	ROW	STP-NJ		\$520,000			
NJTPA	UTI	STP-NJ				\$3,400,000	
NJTPA	CON	STP-NJ					\$4,150,000

PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
Rahway Streetscape Replacement	07330	07330

This project intends to create a cleaner, safer and more pedestrian friendly environment in the Rahway Central Business District. Improvements will include replacing the sidewalk and curbing, pavement resurfacing, installing new period streetlights, trees and tree grates, street furniture, and installing safer pedestrian decorative crosswalks. This is the third phase of an ongoing streetscape project.

COUNTY: Union
MUNICIPALITY: Rahway City
MILEPOSTS:
STRUCTURE NO.:
LEGISLATIVE DISTRICT: 22 SPONSOR: City of Rahway
PROGRAM CATEGORY: Quality of Life - Landscape

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	ERC	HPP20	\$320,000	\$80,000			

FY 2008-11
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
New Jersey Department of Transportation Projects

PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
South First Street Bridge over Elizabeth River	NS9313	NS9313

The new, fixed-span bridge will have a 30-foot roadway and sidewalk and will be raised to a 12-foot underclearance as agreed to by the US Coast Guard. The new bridge will meet AASHTO and NJDOT standards. Approach roadways will be improved accordingly. All MOA and CED requirements will be met, including recording and historical preservation of the remaining bridge machinery.

COUNTY: Union
MUNICIPALITY: Elizabeth City
MILEPOSTS: N/A
STRUCTURE NO.: 2004002
LEGISLATIVE DISTRICT: 20 SPONSOR: Union County
PROGRAM CATEGORY: Bridge Preservation - Local Bridges

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	STP-NJ	\$4,000,000				

PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
Route 22, Liberty Avenue & Conrail Bridge	95116	95116

The Route 22 bridge over Conrail and Liberty Avenue will be replaced due to structural deficiency and its overall poor condition. The project will also improve the existing substandard roadway features within the project limits. This is a multi-year funded Transportation Trust Fund (TTF) project under the provisions of Section 13 of P.L. 1995, c.108. Total TTF funding needed for construction is anticipated to be \$25.639 million.

COUNTY: Union
MUNICIPALITY: Hillside Twp.
MILEPOSTS: 57.30
STRUCTURE NO.: 2004153
LEGISLATIVE DISTRICT: 29 SPONSOR: NJDOT
PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	UTI	BRIDGE	\$1,500,000				
NJTPA	CON	STATE			\$15,000,000	\$10,639,000	

FY 2008-11

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

New Jersey Department of Transportation Projects

<i>PROJECT NAME</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Route 22, Mountain Avenue, Drainage Improvements	93211	93211

Drainage improvements include upgrading of the drainage system from Mountain Avenue underpass with the installation of an underground detention basin near Echo Lake Channel in order to reduce the peak drainage flow and avoid impact to Echo Lake Channel. The basin would be installed in a commercial parking lot on westbound Route 22. No improvements are proposed for the box culvert and its downstream channel. Drainage pipes and inlets will need to be upgraded between Sheffield Street and Echo Lake Channel. Twenty-nine catch basins are proposed.

COUNTY: Union
 MUNICIPALITY: Mountainside Boro
 MILEPOSTS: 51.60
 STRUCTURE NO.: N/A
 LEGISLATIVE DISTRICT: 21 SPONSOR: NJDOT
 PROGRAM CATEGORY: Roadway Preservation - Drainage

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	STATE		\$1,313,000			

<i>PROJECT NAME</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Route 22, Weequahic Park, Drainage Improvements	02408	02408

This improvement consists of resizing the three existing drainage systems. Runoff from adjacent properties and the highway will be treated by oil/grit separators. Severe soil erosion located on the westbound side of Route 22 near the abandoned bridge will be stabilized with soil erosion control matting.

COUNTY: Union Essex
 MUNICIPALITY: Hillside Twp. Newark City
 MILEPOSTS: 58.12 - 58.75
 STRUCTURE NO.: N/A
 LEGISLATIVE DISTRICT: 29 SPONSOR: NJDOT
 PROGRAM CATEGORY: Roadway Preservation - Drainage

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	STATE		\$3,556,000			

FY 2008-11
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
New Jersey Department of Transportation Projects

PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
Route 78, Diamond Hill Road Interchange (CR 655)	9141	9141

This project will provide for interchange improvements to include the construction of a loop ramp, new underpass, upgrading acceleration lanes, construction of retaining walls and widening of the existing structure. This project is multi-year funded under the provisions of Section 13 of P.L. 1995, c.108. Total Federal aid needed is anticipated to be \$29.317 million for construction.

COUNTY: Union
MUNICIPALITY: Berkeley Heights Twp.
MILEPOSTS: 44.00
STRUCTURE NO.: 2010154
LEGISLATIVE DISTRICT: 21 SPONSOR: NJDOT
PROGRAM CATEGORY: Congestion Relief - Hwy Operational Improvements

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	I-MAINT	\$10,600,000	\$18,717,000			

PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
Route 78, Drift Road to Route 124, Rehabilitation	04349	04349

This project consists of rehabilitating I-78 from mileposts 42.2 to 50.6. The Department's Pavement Management System has identified this section of roadway as a critical need. This segment of I-78 exhibits the following conditions: fatigue cracking in both wheel paths, block cracking, longitudinal cracks in wheel paths, longitudinal cracks in middle of lanes, longitudinal cracks at construction joints, transverse cracks and potholes. There are seventeen bridges on I-78 within the project limits. One deck is in poor condition and is in need of repair; the rest of the decks are in good condition with some minor patching needed.

The work on I-78 will include milling two inches and resurfacing varying from three to six inches throughout the length of the project. The project will also include bridge deck repair and patching and resetting inlets and manholes as required.

COUNTY: Union Essex Somerset
MUNICIPALITY: Various
MILEPOSTS: 42.20 - 50.60
STRUCTURE NO.: N/A
LEGISLATIVE DISTRICT: 21 SPONSOR: NJDOT
PROGRAM CATEGORY: Roadway Preservation - Highway Resurfacing

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	STATE	\$24,281,000				

FY 2008-11
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
New Jersey Department of Transportation Projects

<i>PROJECT NAME</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Route 78, Garden State Parkway, Interchange 142	98545	98545

This project will provide for the construction of two missing ramps at the Garden State Parkway, Interchange 142 with I-78 to provide the movement from the Garden State Parkway northbound to I-78 westbound and the Garden State Parkway southbound to I-78 eastbound.

In addition, this project will provide preventive maintenance, reconstruction and safety improvements on I-78. Roadway pavement will be rehabilitated through pavement removal and replacement, concrete rubbilization where applicable and bituminous overlay. Structure work is limited to bridge deck maintenance and repairs such as sealing of cracks and patching of spalls.

The following special Federal appropriations were allocated to this project. TEA-21/Q92 \$23,064,737 (balance available \$8,859,172).

This project is funded under the provisions of Section 13 of P.L. 1995, c.108. This is a multi-year funded Federal-aid construction project. Total Federal-aid needed for construction is anticipated to be \$162,691,000.

COUNTY: Union

MUNICIPALITY: Hillside Twp. Union Twp.

MILEPOSTS: I-78: 52.8 - 53.7; GSP: 142.8

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 20 29

SPONSOR: NJ Hwy Authority

PROGRAM CATEGORY: Congestion Relief - Hwy Operational Improvements

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	CON	DEMO	\$7,719,371				
NJTPA	CON	NHS	\$45,186,000	\$20,188,000	\$35,611,000		
NJTPA	CON	OTHER		\$35,400,000	\$35,410,000		

FY 2008-11
STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
New Jersey Department of Transportation Projects

<i>PROJECT NAME</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Route 78, Union/Essex Rehabilitation, Contract B	00373B	00373B

This project will provide preventive maintenance, reconstruction and safety improvements. Roadway pavement will be rehabilitated through pavement removal and replacement, concrete rubbilization where applicable and bituminous overlay. Structure work is limited to bridge deck maintenance and repairs such as sealing of cracks and patching of spalls.

This is a multi-year funded Transportation Trust Fund (TTF) project under the provisions of Section 13 of P.L. 1995, c.108. Total TTF funding needed for construction is anticipated to be \$97.0 million.

Structure Nos.: 2011166, 2011167, 2011168, 2011169, 2011170, 0723150, 0723151, 0723152, 0723153, 0723154, 0723155, 0723156, 0723157, 0723165, 0723170, 0724150

COUNTY: Union Essex

MUNICIPALITY: Hillside Twp. Irvington Twp. Newark City

MILEPOSTS: 53.70 - 58.50

STRUCTURE NO.: Various (See Descript)

LEGISLATIVE DISTRICT: 28 29

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Hwy Rehab and Recon

MPO	Phase	Fund	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
NJTPA	DES	I-MAINT	\$2,200,000				
NJTPA	CON	STATE				\$22,000,000	\$75,000,000