

**FY 2007-10 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
New Jersey Department of Transportation Projects**

<i>PROJECT NAME</i>	<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 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	ERC	DEMO	\$750,000				

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PROJECT NAME	Project ID No.	TIP No.
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 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	PD	HPP20	\$250,000				

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PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
Elizabeth Ferry Project	HP01016	HP01016

Funding has been provided by the Federal Transit Administration for the Elizabeth ferry. It is anticipated this funding will be used to build a ferry terminal for a new ferry line which is anticipated to run between New Jersey and Manhattan.

The following special Federal appropriations were allocated to this project. FY 2001/FTA Grant \$500,000.

COUNTY: Union

MUNICIPALITY: Elizabeth City

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 20

SPONSOR: Union County

PROGRAM CATEGORY: Intermodal Programs - Ferries

MPO	Phase	Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	
NJTPA	ERC	FERRY-FTA	\$9,500,000					

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 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	CON	STP-NJ			\$1,500,000		

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<i>PROJECT NAME</i>	<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 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	ERC	HPP20	\$3,336,000	\$1,112,000	\$1,112,000		

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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 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	CON	STP-NJ		\$3,500,000			

PROJECT NAME	<i>Project ID No.</i>	<i>TIP No.</i>
Springfield Avenue Bridge over Morristown Line, CR 512	98527	98527

This project will provide for the replacement of the existing structure on essentially the same alignment. The new structure will carry two 12-foot travel lanes, two three-foot shoulders, and two six-foot shoulders. Roadway improvements would include modifying the Springfield Avenue profile to meet the vertical curve requirements. The roadway will be closed during construction, necessitating a detour route. This project complies with current bicycle/pedestrian compatible guidelines.

COUNTY: Union
MUNICIPALITY: Summit City
MILEPOSTS: 29.82
STRUCTURE NO.: 2062155
LEGISLATIVE DISTRICT: 21 SPONSOR: NJDOT
PROGRAM CATEGORY: Bridge Preservation - NJ TRANSIT Bridges

MPO	Phase	Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	CON	STATE		\$7,208,000			

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PROJECT NAME	Project ID No.	TIP No.
Route 1&9, Production Way to East Lincoln Avenue (1K 3M)	048	048

Rehabilitation of the existing Rahway River Bridge will provide new ramp connections between Routes 1&9 and Randolph Avenue, widening Route 1 to include auxiliary lanes/shoulders, and intersection improvements. This project will complete the overall improvements initiated with the new bridge over the Rahway River. This project will be bicycle compatible.

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 \$41,800,000. This project was originally authorized in FY 2006.

COUNTY: Middlesex Union

MUNICIPALITY: Rahway City Woodbridge Twp.

MILEPOSTS: 37.99 - 39.74

STRUCTURE NO.: 2001150

LEGISLATIVE DISTRICT: 22 19

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge and Roadway Preservation - Bridge and Roadway Rehabilitation

MPO	Phase	Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	CON	NHS	\$18,100,000				

PROJECT NAME	Project ID No.	TIP No.
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.

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 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	ROW	STATE	\$2,420,000				
NJTPA	CON	STATE			\$25,550,000		

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<i>PROJECT NAME</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Route 22, Madison Avenue, Drainage Improvements	98418	98418

Drainage improvements will include installation of concrete vertical curb along the Route 22 westbound shoulder between Caldwell Avenue and Fairway Drive North, corner cutbacks and channelization at Madison Avenue and Caldwell Avenue intersections, adding inlets at the intersections of Madison and Caldwell Avenue, adding inlets in the right shoulder westbound, constructing a new drainage system along the westbound shoulder, upgrading one existing storm drain crossing and replacing the outfall. Twelve single inlets will be converted to double inlets. Three new single inlets and seven double inlets will be constructed. A deceleration lane eastbound near the intersection of Fairway Drive South will be constructed. The turning radius of Fairway Drive East and Fairway Drive South will be improved.

COUNTY: Union

MUNICIPALITY: Union Twp

MILEPOSTS: 54.40 - 54.80

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 20

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Drainage

MPO	Phase	Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	CON	STATE	\$850,000				

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PROJECT NAME	Project ID No.	TIP No.
Route 22, Michigan Avenue, Drainage Improvements	93210	93210

This drainage project provides for the regrading of the right shoulder to meet the minimum four percent required by NJDOT criteria which will help the flooding along the travel lane and shoulder. This regrading is subject to further investigation on the impacts to existing driveways. Seven single inlets will be converted to double inlets; three new double inlets will be installed. One headwall will be constructed at the outfall. The drainage pipes along the eastbound shoulder will be replaced.

COUNTY: Union

MUNICIPALITY: Union Twp.

MILEPOSTS: 53.87

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 20

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Drainage

MPO	Phase	Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	ROW	STATE	\$250,000				
NJTPA	CON	STATE		\$1,640,000			

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PROJECT NAME	Project ID No.	TIP No.
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 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	DES	STP	\$550,000				
NJTPA	CON	STATE		\$1,313,000			

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PROJECT NAME	<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 three 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 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	DES	NHS	\$500,000				
NJTPA	ROW	STATE	\$100,000				
NJTPA	CON	NHS		\$1,660,000			

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.

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 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	CON	STATE		\$25,026,000			

**FY 2007-10 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
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PROJECT NAME	Project ID No.	TIP No.
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 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	CON	I-MAINT		\$20,654,000			

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<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 \$85,161,000.

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 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	CON	DEMO		\$8,859,172			
NJTPA	CON	NHS			\$22,525,000	\$22,525,000	\$11,240,000
NJTPA	CON	OTHER		\$31,252,000			

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

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 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 \$38,500,000. This project was originally authorized in FY 2006.

Structure Nos.: 2011151, 2011152, 2011153, 2011154, 2011155

COUNTY: Union

MUNICIPALITY: Union Twp.

MILEPOSTS: 50.60 - 52.90

STRUCTURE NO.: Various (See Descript)

LEGISLATIVE DISTRICT: 20

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Hwy Rehab and Recon

MPO	Phase	Fund	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	CON	I-MAINT	\$20,838,000				

**FY 2007-10 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
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PROJECT NAME	Project ID No.	TIP No.
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 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 \$70,000,000.

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 2007	FY 2008	FY 2009	FY 2010	FY 2011
NJTPA	CON	I-MAINT		\$18,000,000	\$52,000,000		