

FY 2004-06 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

New Jersey Department of Transportation Projects

ROUTE/PROGRAM	Project ID No.	TIP No.
CARGOMATE	HP01015	FP01015

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 federal FY2001 DOT Appropriations Act provided funding for this project under an ITS grant. This project has been allocated \$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 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	ERC	DEMO	\$750,000				

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ROUTE/PROGRAM	Project ID No.	TIP No.
Elizabeth Ferry Project	HP01016	HP01016

Funding has been provided by the Federal Highway Administration for the Elizabeth ferry.

The federal FY 2001 DOT Appropriations Act provided funding for this project under FTA grants. The funding was reduced by 0.22% under Section 1403 of the FY 2001 Omnibus Consolidated Appropriations Act. This project has been allocated \$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 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	LFA	DEMO	\$500,000				

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ROUTE/PROGRAM	Project ID No.	TIP No.
Garden State Parkway, Interchange 142 (I-78)	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.

The federal Transportation Equity Act for the 21st Century (TEA-21) provided funding for this project under Section 1601, High Priority Projects Program. The Act allocated \$22.5 M for this project. FY 2000 and FY2001 RABAs have increased the total authorization amount to \$23,092,525.

Construction will be multi-year funded. Total construction cost is anticipated to be \$52,588,000.

COUNTY: Union Essex

MUNICIPALITY: Hillside Twp. Irvington Twp.

MILEPOSTS: GSP: 142.8; I-78: 53.5

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 29 28 SPONSOR: NJ Hwy Authority

PROGRAM CATEGORY: Congestion Management - Hwy Operational Improvements

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	DEMO			\$21,392,525		
NJTPA	CON	OTHER			\$6,195,475		
NJTPA	CON	TBD				\$25,000,000	

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ROUTE/PROGRAM	Project ID No.	TIP No.
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 3 tons due to the low capacity of its structural members. The County proposes to 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 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	STP-NJ		\$800,000			

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ROUTE/PROGRAM	Project ID No.	TIP No.
International Intermodal Corridor	99301	99301

This program will provide funding for the international intermodal transportation center and corridor among and within the cities of Bayonne, Elizabeth, and Newark.

The federal Transportation Equity Act for the 21st Century (TEA-21) provided funding for this project under Section 1601, High Priority Projects Program. The Act allocated \$2.0 M for this project. FY 2000 and FY2001 RABAs have increased the total authorization amount to \$2,052,669.

COUNTY: Hudson Union Essex

MUNICIPALITY: Bayonne City Newark City Elizabeth City

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 31 29 20 SPONSOR: NJDOT

PROGRAM CATEGORY: Intermodal Programs - Goods Movement

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	ERC	DEMO	\$100,000				

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ROUTE/PROGRAM	Project ID No.	TIP No.
Kapkowski Road, North Avenue and Trumbull Street	9324	9324

The county of Union recognizes that a Comprehensive Transportation Planning Study of the Kapkowski Road, North Avenue and Trumbull Street area is needed to examine and evaluate existing and proposed transportation improvements. It is critical that new and proposed developments in the area as well as existing land uses, have specific transportation infrastructure improvements outlined prior to further construction. It is also important that an overall plan be put in place to ensure that the transportation system (which includes highway, transit and pedestrian elements) functions effectively. This effort will encompass an evaluation of current conditions, an analysis of proposed developments and transportation improvements, the preparation of an overall circulation plan and a Comprehensive Transportation Planning Study. This comprehensive study will recommend a phased series of transportation improvements needed for the area and provide concept/feasibility design on key projects so that they can become part of the NJDOT and NJTPA project pipeline. This comprehensive planning study will provide a much needed transportation planning framework which is now a major focal point in the Union County TDD.

The federal Transportation Equity Act for the 21st Century (TEA-21) provided funding for this project under Section 1601, High Priority Projects Program. The Act allocated \$2.0 M for this project. FY 2000 and FY2001 RABAs have increased the total authorization amount to \$2,052,669.

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

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	LFA	DEMO	\$52,669				

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ROUTE/PROGRAM	Project ID No.	TIP No.
Union County FY 2004 Resurfacing	N0401	N0401

This program will provide for the milling, resurfacing and handicap ramp construction of various Union County roadways in Berkeley Heights, Clark, Cranford, Elizabeth, Fanwood, Plainfield, Roselle Park, Rahway, Scotch Plains and Union.

COUNTY: Union

MUNICIPALITY: Various

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 20 21 22 SPONSOR: Union County

PROGRAM CATEGORY: Local Aid - Local Roadway Improvements

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	STP-NJ	\$3,000,000				

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ROUTE/PROGRAM	Project ID No.	TIP No.
1&9 1K 3M, Production Way to East Lincoln Avenue	048	048

Rehabilitation of 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.

Construction will be multi-year funded under the provisions of Section 13 of P. L. 1995, c.108. The anticipated construction cost is \$23,700,000.

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 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	NHS		\$8,300,000	\$15,400,000		

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ROUTE/PROGRAM		Project ID No.	TIP No.
1&9	4T, Elizabeth River Bridge	043	043

The existing structure, which carries two 10-foot travel lanes with no shoulders, will be replaced. The new structure will carry six 3.6 meter travel lanes, two 3.6 meter outside shoulders, and two 0.9 meter inside shoulders. Bicycle/pedestrians will be accommodated on shoulders.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. The anticipated construction cost is \$72,000,000.

COUNTY: Union

MUNICIPALITY: Elizabeth City

MILEPOSTS: 44.00

STRUCTURE NO.: 2002150

LEGISLATIVE DISTRICT: 20

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	STATE	\$10,500,000	\$36,000,000	\$25,500,000		

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ROUTE/PROGRAM	Project ID No.	TIP No.
1&9 (6) Magnolia Avenue Bridge	049	049

This project will address the replacement of the Magnolia Avenue structure with a new structure over Route 1&9. The existing structure, which carries two substandard 10-foot travel lanes and a single 1 1/2 foot safety walk will be replaced with a new structure that will carry two 15foot travel lanes and two 6-foot sidewalks. This project will be designed to be bicycle/pedestrian compatible.

COUNTY: Union
MUNICIPALITY: Elizabeth City
MILEPOSTS: 44.65 - 44.75
STRUCTURE NO.: 2002152
LEGISLATIVE DISTRICT: 20 SPONSOR: NJDOT
PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	ROW	STATE	\$2,000,000				
NJTPA	CON	STATE			\$10,250,000		

ROUTE/PROGRAM	Project ID No.	TIP No.
1&9 North Avenue, Intersection Improvements	95022	95022

This project consists of intersection improvements at Route 1&9 and North Avenue. The improvements include a new far-side jughandle, modification of the existing forward jughandle, optimized signal timing at North Avenue, construction of a new traffic signalized intersection and removal of the Louisa Street traffic signal. This project will be bicycle/pedestrian compatible.

COUNTY: Union
MUNICIPALITY: Elizabeth City
MILEPOSTS: 45.10 - 45.54
STRUCTURE NO.: N/A
LEGISLATIVE DISTRICT: 20 SPONSOR: NJDOT
PROGRAM CATEGORY: Safety - Safety Improvements

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	STP-NJ		\$8,900,000			

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ROUTE/PROGRAM		Project ID No.	TIP No.
1&9	Rahway River Bridge	048A	048A

A new, parallel structure over the Rahway River on Routes 1&9 will be constructed. The new structure will carry three 12-foot travel lanes with two 12-foot shoulders. This project will be bicycle compatible.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. The construction cost is \$30,290,000; the remaining needs are listed below.

COUNTY: Union
MUNICIPALITY: Rahway City
MILEPOSTS: 38.68
STRUCTURE NO.: TBD
LEGISLATIVE DISTRICT: 22 SPONSOR: NJDOT
PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	BRIDGE	\$29,700,000				

ROUTE/PROGRAM		Project ID No.	TIP No.
22	Mountainside Boro, Drainage	96032	96032

Currently, there is flooding on both sides of Route 22 in the vicinity of Evergreen Court. There is also flooding on eastbound Route 22 in the vicinity of Walnut Street. Drainage improvements at these locations will include the construction of detention basins to alleviate the flooding.

COUNTY: Union
MUNICIPALITY: Mountainside Boro
MILEPOSTS: 50.10 - 50.80
STRUCTURE NO.: N/A
LEGISLATIVE DISTRICT: 21 SPONSOR: NJDOT
PROGRAM CATEGORY: Roadway Preservation - Drainage

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	ROW	STATE	\$400,000				
NJTPA	CON	STP			\$2,786,000		

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ROUTE/PROGRAM	Project ID No.	TIP No.
28 Westfield Circle, West Broad Street to Prospect Street	93228	93228

This project will modify the existing circle into a modern roundabout. In addition, the existing signalized intersections at Route 28/West Broad Street and Route 28/North Avenue/East Broad Street will be modified. Route 28 will be resurfaced to improve the skid resistance. The project will also include replacement of curbs, upgrading lane signing and markings to improve traffic, and improvements to the existing traffic signals within the project. There will be no bicycle accommodations within the project limits; however, pedestrian accommodations will be provided.

The Federal FY2003 Section330 Demonstration program provided funding in the amount of \$200,000

COUNTY: Union

MUNICIPALITY: Westfield Town

MILEPOSTS: 19.55 - 19.84

STRUCTURE NO.: 2008153

LEGISLATIVE DISTRICT: 21

SPONSOR: NJDOT

PROGRAM CATEGORY: Congestion Management - Hwy Operational Improvements

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	CON	STATE	\$2,430,000				

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ROUTE/PROGRAM		Project ID No.	TIP No.
82	Rahway River Bridge	94019	94019

This project will provide for the rehabilitation or replacement of the existing bridge (Structure No. 2012150), which is in poor condition due to the deteriorating condition of the superstructure. There are several large cracks in the deck surface and large patches at northeast and southwest corners of the deck. There is missing and deteriorated mortar in all three barrels. Also, there is exposed footing at the north end of both piers.

COUNTY: Union

MUNICIPALITY: Springfield Twp.

MILEPOSTS: 0.38

STRUCTURE NO.: 2012150

LEGISLATIVE DISTRICT: 21

SPONSOR: Union County

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	PD	STATE		\$1,050,000			

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ROUTE/PROGRAM	Project ID No.	TIP No.
82 Union County Streetscape and Intersection Improvements	95029	95029

This project will provide for landscaping and urban design enhancements to include bicycle and pedestrian improvements, signs, and lighting upgrades, as well as improvements to Morris Avenue in the City of Elizabeth. Intersection improvements will be provided at Route 82/Burke Parkway, Route 82/Green Lane, Morris Avenue/Orchard Street, and Route 82 Lousons Lane. This project is being designed to be bicycle/pedestrian compatible.

COUNTY: Union
MUNICIPALITY: Elizabeth City Union Twp.
MILEPOSTS: 2.30 - 5.00
STRUCTURE NO.: N/A
LEGISLATIVE DISTRICT: 20 SPONSOR: NJDOT
PROGRAM CATEGORY: Quality of Life - Landscape

MPO	Phase	Fund	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
NJTPA	ROW	STP	\$900,000				
NJTPA	CON	STATE			\$7,900,000		