

FY 2005-07 STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

New Jersey Department of Transportation Projects

<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
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 FY 2001 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 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	ERC	DEMO	\$750,000				

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Duer Street Bridge over Green Brook	NS0208	NS0208

Constructed in 1903, this bi-county bridge spans the Green Brook on Duer Street in the Borough of North Plainfield in Somerset County and the City of Plainfield in Union County. The structure suffers from significant section loss and holes in the steel buckle plates of the deck, making the overall condition of the structure poor. The bridge is located in an Urban Enterprise Zone serving fourteen thousand persons. The county proposes to investigate alternatives to rehabilitate or replace the structure.

COUNTY: Somerset Union

MUNICIPALITY: North Plainfield Boro Plainfield City

MILEPOSTS: N/A

STRUCTURE NO.: 18M1001

LEGISLATIVE DISTRICT: 22

SPONSOR: Somerset County

PROGRAM CATEGORY: Bridge Preservation - Local Bridges

TOTAL CONSTRUCTION COST: \$1,000,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	CON	STP-NJ		\$1,000,000			

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<i>ROUTE/PROGRAM</i>	<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.

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 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	ERC	FERRY-FTA	\$9,500,000				

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
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. The total construction cost is anticipated to be \$72,590,000.

COUNTY: Union Essex

MUNICIPALITY: Hillside Twp. Irvington Twp. Union Twp.

MILEPOSTS: GSP: 142.8; I-78: 53.5

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 29 28 20 SPONSOR: NJ Hwy Authority

PROGRAM CATEGORY: Congestion Management - Hwy Operational Improvements

TOTAL CONSTRUCTION COST: \$72,590,200

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	CON	DEMO			\$12,175,173		
NJTPA	CON	OTHER			\$24,000,000		
NJTPA	CON	TBD					\$36,415,000

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<i>ROUTE/PROGRAM</i>	<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 3 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

TOTAL CONSTRUCTION COST: \$800,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	CON	STP-NJ		\$800,000			

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
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 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 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. Also, \$15 million in PANY&NJ funding has been provided for the Local Feasibility Study and subsequent work to be determined.

COUNTY: Union

MUNICIPALITY: Elizabeth City

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 20

SPONSOR: Union County

PROGRAM CATEGORY: Strategic Mobility - Economic Development

						Unfunded Future Needs	
MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
NJTPA	LFA	STP-NJ	\$10,000				

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
CR 512 Springfield Avenue Bridge over Morristown Line	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 3-foot shoulders, and two 6-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: RR: 20.34
STRUCTURE NO.: 2062155
LEGISLATIVE DISTRICT: 21 SPONSOR: NJDOT
PROGRAM CATEGORY: Bridge Preservation - NJ TRANSIT Bridges
TOTAL CONSTRUCTION COST: \$4,071,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	DES	STATE	\$800,000				
NJTPA	ROW	STATE	\$675,000				
NJTPA	CON	STATE		\$4,071,000			

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Springfield Avenue Pedestrian Improvements, Summit	01346	01346

The project will address pedestrian improvements on Springfield Avenue at the NJ TRANSIT overpass located between Argyle Court and Park Avenue.

COUNTY: Union
 MUNICIPALITY: Summit City
 MILEPOSTS: N/A
 STRUCTURE NO.: 2062151
 LEGISLATIVE DISTRICT: 21 SPONSOR: Summit City
 PROGRAM CATEGORY: Intermodal Programs - Bicycle/Pedestrian
 TOTAL CONSTRUCTION COST: \$1,850,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	DES	STP-NJ	\$250,000				
NJTPA	ROW	STP-NJ		\$150,000			
NJTPA	CON	STP-NJ			\$1,850,000		

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
1&9 Elizabeth River Bridge (4T)	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. Total construction funding is \$64,535,000.

COUNTY: Union

MUNICIPALITY: Elizabeth City

MILEPOSTS: 44.00

STRUCTURE NO.: 2002150

LEGISLATIVE DISTRICT: 20

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

TOTAL CONSTRUCTION COST: \$64,535,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	CON	STATE	\$34,675,000	\$19,360,000			

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
1&9 Magnolia Avenue Bridge (6)	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 safety walk which is 1 1/2 feet wide will be replaced with a new structure that will carry two 15-foot 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

TOTAL CONSTRUCTION COST: \$7,388,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	CON	STATE		\$7,388,000			

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
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
TOTAL CONSTRUCTION COST: \$5,900,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
			FY 2008			FY 2009	
NJTPA	CON	STATE	\$5,900,000				

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
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 is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. Total construction funding 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

TOTAL CONSTRUCTION COST: \$23,700,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	CON	NHS	\$8,300,000	\$15,400,000			

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
22 Mountainside Boro, Drainage Improvements	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
TOTAL CONSTRUCTION COST: \$2,162,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
			FY 2008			FY 2009	
NJTPA	CON	NHS		\$2,162,000			

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
78 CR 655 Diamond Hill Road Interchange	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 Management - Hwy Operational Improvements

TOTAL CONSTRUCTION COST: \$18,500,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	DES	I-MAINT	\$3,200,000				
NJTPA	ROW	I-MAINT		\$200,000			
NJTPA	CON	TBD				\$18,500,000	

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
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
TOTAL CONSTRUCTION COST: \$9,455,000

						Unfunded Future Needs	
MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
NJTPA	CON	STATE		\$9,455,000			