

# FY 2006 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
<b>CARGOMATE</b>	<b>HP01015</b>

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	Item No.	Phase	Fund	Amount
NJTPA	93	ERC	DEMO	\$750,000

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<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Duer Street Bridge over Green Brook	NS0208

The existing superstructure of the bridge will be replaced and repairs performed on the existing masonry abutments. The new superstructure will consist of galvanized steel beams supporting a composite, cast-in-place reinforced concrete deck. The superstructure will maintain the current 30-foot, curb-to-curb roadway width. However, the existing substandard bridge railing will be replaced by a reinforced concrete open balustrade railing. Accordingly, the width of the sidewalks on the bridge will be slightly reduced to eight-feet, six-inches to maintain overall bridge width. The existing masonry abutments will be modified to accommodate the new superstructure and all missing stones will be replaced and the mortar joints re-pointed.

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

MPO	Item No.	Phase	Fund	Amount
NJTPA	177	CON	STP-NJ	\$700,000

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## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
<b>Elizabeth Ferry Project</b>	<b>HP01016</b>

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	Item No.	Phase	Fund	Amount
NJTPA	255	ERC	FERRY-FTA	\$9,500,000

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
<b>South First Street Bridge over Elizabeth River</b>	<b>NS9313</b>

This project will investigate rehabilitation and replacement alternatives for this deteriorated structure.

COUNTY: Union

MUNICIPALITY: Elizabeth City

MILEPOSTS: N/A

STRUCTURE NO.: 2004002

LEGISLATIVE DISTRICT: 20

SPONSOR: Union County

PROGRAM CATEGORY: Bridge Preservation - Local Bridges

MPO	Item No.	Phase	Fund	Amount
NJTPA	191	DES	STP-NJ	\$600,000

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<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Springfield Avenue Bridge over Morristown Line, CR 512	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: RR: 20.34

STRUCTURE NO.: 2062155

LEGISLATIVE DISTRICT: 21

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - NJ TRANSIT Bridges

MPO	Item No.	Phase	Fund	Amount
NJTPA	265	CON	STATE	\$7,208,000

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Springfield Avenue Pedestrian Improvements, Summit	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

MPO	Item No.	Phase	Fund	Amount
NJTPA	200	ROW	STP-NJ	\$150,000

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## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 1&9, Elizabeth River Bridge ( 4T)	043

The existing structure, which carries two 10-foot travel lanes with no shoulders, will be replaced. The new structure will carry six 12-foot travel lanes, two 12-foot outside shoulders, and two 3-foot inside shoulders. Bicycle/pedestrians will be accommodated on shoulders.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108. Total construction funding is \$67,535,000.

COUNTY: Union

MUNICIPALITY: Elizabeth City

MILEPOSTS: 44.00

STRUCTURE NO.: 2002150

LEGISLATIVE DISTRICT: 20

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Item No.	Phase	Fund	Amount
NJTPA	266	CON	STATE	\$22,360,000

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 1&9, Magnolia Avenue Bridge ( 6)	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

MPO	Item No.	Phase	Fund	Amount
NJTPA	24	CON	BRIDGE	\$8,170,000

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## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 1&9, Production Way to East Lincoln Avenue (1K 3M)	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. Total construction funding is \$40,900,000.

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	Item No.	Phase	Fund	Amount
NJTPA	123	CON	NHS	\$15,400,000

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 22, Liberty Avenue & Conrail Bridge	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	Item No.	Phase	Fund	Amount
NJTPA	45	DES	BRIDGE	\$1,600,000

# FY 2006 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 22, Madison Avenue, Drainage Improvements	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	Item No.	Phase	Fund	Amount
NJTPA	166	DES	STP	\$500,000

# FY 2006 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 22, Michigan Avenue, Drainage Improvements	93210

This drainage project may provide 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	Item No.	Phase	Fund	Amount
NJTPA	167	DES	STP	\$450,000

# FY 2006 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 22, Mountain Avenue, Drainage Improvements	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	Item No.	Phase	Fund	Amount
NJTPA	168	DES	STP	\$550,000

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 22, Mountainside Boro, Drainage Improvements	96032

Currently, there is flooding on both sides of Route 22 in the vicinity of Evergreen Court and on eastbound Route 22 in the vicinity of Walnut Avenue. Drainage improvements at these locations will include additional inlets and larger pipes 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	Item No.	Phase	Fund	Amount
NJTPA	269	CON	STATE	\$1,700,000

# FY 2006 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
<b>Route 78, CR 655 Diamond Hill Road Interchange</b>	<b>9141</b>

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	Item No.	Phase	Fund	Amount
NJTPA	12	ROW	I-MAINT	\$400,000

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
<b>Route 78, Union/Essex Rehabilitation, Springfield Avenue to Route 1&amp;9</b>	<b>00373</b>

This project will provide preventive maintenance, reconstruction and safety improvements. Roadway pavement will be rehabilitated through pavement removal and replacement, concrete rubbilization 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. Total construction cost is anticipated to be \$42,000,000.

COUNTY: Union Essex

MUNICIPALITY: Union Twp. Hillside Twp. Irvington Twp. Newark City

MILEPOSTS: 51.4 - 58.5

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 20 29 28

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Hwy Rehab and Recon

MPO	Item No.	Phase	Fund	Amount
NJTPA	2	CON	I-MAINT	\$15,500,000

# FY 2006 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
<b>Route 82, Union County Streetscape and Intersection Improvements</b>	<b>95029</b>

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	Item No.	Phase	Fund	Amount
NJTPA	140	CON	STP	\$2,257,000
NJTPA	248	CON	STP-TE	\$8,000,000