

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
<b>Bloomfield Avenue Bridge over Montclair Line</b>	<b>98342</b>

This is a minor bridge rehabilitation. The superstructure of the Bloomfield Avenue Bridge over NJ TRANSIT will be replaced and repairs made to the substructure. The scope of work will also include the improvement of both roadway approaches and the retaining walls leading to the bridge from the intersection with Maple Avenue/Pine Street to the west approach roadway and the approach roadway to the east. To facilitate traffic control, one lane of traffic in each direction will be allowed during construction.

COUNTY: Essex

MUNICIPALITY: Bloomfield Twp.

MILEPOSTS: N/A

STRUCTURE NO.: 0764152

LEGISLATIVE DISTRICT: 28

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - NJ TRANSIT Bridges

MPO	Phase	Item No.	Fund	Amount
NJTPA	ROW	46	BRIDGE	\$325,000

# FY 2007 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	Phase	Item No.	Fund	Amount
NJTPA	ERC	98	DEMO	\$750,000

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
<b>Central Avenue, Roadway Resurfacing and Improvements</b>	<b>N0409</b>

This project includes roadway resurfacing, traffic signal improvements, construction of pedestrian ramps, restriping, upgrading of existing storm drainage system and curb and sidewalk replacement from Valley Road to Martin Luther King, Jr. Boulevard.

COUNTY: Essex

MUNICIPALITY: Orange City Newark City East Orange City West Orange Twp.

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 27 28 34

SPONSOR: Essex County

PROGRAM CATEGORY: Local Aid - Local Roadway Improvements

MPO	Phase	Item No.	Fund	Amount
NJTPA	CON	218	STP-NJ	\$6,000,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
<b>Clifton Avenue/Nesbitt Street Bridges over Morristown Line</b>	<b>98523</b>

The Clifton Avenue superstructure will be replaced and the substructure will be repaired. A pre-stressed box beam design will be used for the new bridge. Sidewalks will be provided on both sides of the bridge. Geometric improvements will be made to improve the turning radius for access to the I-280 EB ramp.

The Nesbitt Street superstructure will be replaced and the substructure will be repaired. Steel, multi-beam design will be used for the new bridge. Sidewalks will be provided on both sides of the bridge. Geometric improvements will be made to improve turning radius for access to the I-280 EB ramp. Both locations will have an acceptable width for shared use of the outside lane adjacent to the sidewalk for bicycle compatibility. The sidewalks and crosswalks meet the Pedestrian Compatible Design criteria.

In addition, the bridge decks on the I-280 structures at Clifton Avenue and Nesbitt Street will be replaced.

COUNTY: Essex

MUNICIPALITY: Newark City

MILEPOSTS: RR: 00827

STRUCTURE NO.: 0765158 0765157 0731151 0731152

LEGISLATIVE DISTRICT: 28 29 SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - NJ TRANSIT Bridges

MPO	Phase	Item No.	Fund	Amount
NJTPA	CON	294	STATE	\$12,238,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
<b>Newark Circulation Improvements</b>	<b>02380</b>

This project will provide for improvements to Lafayette Street from McCarter Highway to Mulberry Street that include the construction of a new uniform north curb line with four traffic lanes and one turning lane. In addition, improvements will be made on Lafayette Street from Mulberry Street to Broad Street by creating a new roadway alignment for efficient westbound traffic movement between McCarter Highway and William Street and providing for higher traffic capacity eastbound between Broad Street and McCarter Highway. This segment shall provide sufficient roadway width to accommodate four travel lanes, one turning lane and potential extension of the Newark-Elizabeth Rail Link. The project shall also provide improvements to and realignment of Mulberry Street from Market Street to Lafayette Street, including an extension of the current two-way segment from Edison Place to Lafayette Street, which shall provide sufficient roadway width to accommodate four travel lanes, turning lanes and drop-off areas. Improvements will be made to Edison Place between McCarter Highway and Mulberry Street. This segment shall maintain four travel lanes with turning lanes for ingress and egress to parking facilities. Also included will be various roadway improvements along Broad Street in order to enhance pedestrian and vehicle movements. This will improve pedestrian safety through lighting upgrades, improve aesthetics along Broad Street, and provide traffic signalization upgrades at various intersections.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108. The Department's share of this project is \$30,000,000. This is a multi-year funded Transportation Trust Fund design/right of way/construction project. Total Transportation Trust Fund needed for design/right of way/construction is anticipated to be \$30,000,000. This project was originally authorized in FY 2003.

COUNTY: Essex

MUNICIPALITY: Newark City

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 29

SPONSOR: Essex County

PROGRAM CATEGORY: Local Aid - Local Roadway Improvements

MPO	Phase	Item No.	Fund	Amount
NJTPA	ERC	405	STATE	\$6,000,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Newark, NJT Morristown Line Bridges	02344

Several structures over the NJ TRANSIT Morristown Line have been identified as deficient and will be replaced. The bridge replacements will be on the same alignments as the existing bridges. The new Roseville Avenue Bridge will be 72 feet wide and provide two 15-foot travel lanes, two 8-foot shoulders, and two 12-foot sidewalks. The new Third, Fifth, Sixth and Seventh Street Bridges will be 56-62 feet wide and provide one or two travel lanes, varying between 11 and 21.5 feet, two 7 to 8-foot shoulder/parking lanes. Structure Nos.: 0765168, 0765172, 0765173, 0765170, 0765166

COUNTY: Essex

MUNICIPALITY: Newark City

MILEPOSTS: N/A

STRUCTURE NO.: Various See Descript.

LEGISLATIVE DISTRICT: 28

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - NJ TRANSIT Bridges

MPO	Phase	Item No.	Fund	Amount
NJTPA	CON	295	STATE	\$16,163,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 1&9, Haynes Avenue Bridges and Operational Improvements	94047

This project will replace the existing structurally deficient Haynes Avenue Viaduct over Waverly Yards and the functionally obsolete Haynes Avenue overpass at Route 1&9. The existing structure over Waverly Yards, which carries two 20-foot lanes and two 11-foot sidewalks, will be replaced. The new structure will carry two 12-foot travel lanes, two 12-foot outside shoulders, and one 6-foot sidewalk on the westbound side. This project will also improve access from Route 1&9 and Haynes Avenue to Newark Airport and provide safe and efficient access to development properties located to the west of Route 1&9. This project will be bicycle/pedestrian compatible.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108. This is a multi-year funded Transportation Trust Fund construction project. Total Transportation Trust Fund needed for construction is anticipated to be \$56,100,000.

COUNTY: Essex

MUNICIPALITY: Newark City

MILEPOSTS: 46.70 - 47.70

STRUCTURE NO.: 0701152 0749160

LEGISLATIVE DISTRICT: 29

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Phase	Item No.	Fund	Amount
NJTPA	CON	302	STATE	\$20,000,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 1&9, Pulaski Skyway, Interim Repairs, Contract 1	04322

This project will provide for interim repairs on the Pulaski Skyway. This interim project may include, but is not limited to, repairs to the balustrade, deck, pier caps, structural steel and spot painting, electrical safety, installation of protective netting over the NJ Turnpike and concrete encasement removal. Due to the size of the structure, there may be additional contracts to provide for the interim repairs.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108. This is a multi-year funded Transportation Trust Fund design/construction project. Total Transportation Trust Fund needed for design/construction is anticipated to be \$175,000,000.

COUNTY: Hudson Essex

MUNICIPALITY: Jersey City Kearny Town Newark City

MILEPOSTS: 51.52-52.18; 53.17-55.87

STRUCTURE NO.: 0704150 0901150

LEGISLATIVE DISTRICT: 29 31 32 SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Phase	Item No.	Fund	Amount
NJTPA	EC	44	BRIDGE	\$10,000,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 10, Rockfall Mitigation, Vicinity of Summit Street	01366

On both the eastbound and westbound sides of the roadway the rock cut is highly fractured and weathered, causing loose rock fragments to fall onto the shoulders and travel lanes. Although the size of the rock fragments are relatively small, their presence in the travel lanes is a hazard to motorists. Scaling and shotcreting of the cuts on both sides of the roadway will stop the rockfall.

COUNTY: Essex

MUNICIPALITY: West Orange Twp.

MILEPOSTS: 22.20

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 27

SPONSOR: NJDOT

PROGRAM CATEGORY: Safety - Rockfall Mitigation

MPO	Phase	Item No.	Fund	Amount
NJTPA	ERC	183	NHS	\$700,000

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 21, Hamilton Street Bridge over Route 21	99381A

This project will convert an existing bridge, currently used as a parking lot by Edison Properties Inc., to a pedestrian access facility from Penn Station to the Newark Arena. Edison Properties Inc. has agreed to donate this bridge for public use.

COUNTY: Essex

MUNICIPALITY: Newark City

MILEPOSTS: 2.10

STRUCTURE NO.: 0714150

LEGISLATIVE DISTRICT: 29

SPONSOR: NJ TRANSIT

PROGRAM CATEGORY: Intermodal Programs - Bicycle/Pedestrian

MPO	Phase	Item No.	Fund	Amount
NJTPA	DES	61	CMAQ	\$400,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 21, Newark Waterfront Community Access	98540

A pedestrian overpass will be built on the north side of Centre Street across Route 21 from NJ Performing Arts Center. This overpass will be associated with infrastructure of NJPAC development and build out of a combination boathouse-restaurant on the waterfront side. An agreement is being developed to provide \$1.2 million preliminary design money to NJPAC. NJDOT will monitor the project.

The following special Federal appropriation was allocated to this project. TEA-21/Q92 \$1,025,100 (balance available \$1,025,100); FY06 SAFETEA-LU \$1,500,000; \$1,200,000 (available 20% per year) and \$2,000,000 (available 20% per year).

COUNTY: Essex

MUNICIPALITY: Newark City

MILEPOSTS: 4.1

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 29

SPONSOR: NJDOT

PROGRAM CATEGORY: Intermodal Programs - Bicycle/Pedestrian

MPO	Phase	Item No.	Fund	Amount
NJTPA	PD	128	HPP10	\$825,000
NJTPA	PD	156	HPP20	\$475,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 21 Fwy., Park Avenue Interchange, Safety Improvements	93221B

This project will provide for safety improvements at this location. The crest vertical curve over Park Avenue will be lengthened to provide adequate stopping sight distance, all ramps will be modified along with necessary repairs on two structures and a retaining wall.

COUNTY: Essex

MUNICIPALITY: Nutley Twp.

MILEPOSTS: 7.70 - 8.40

STRUCTURE NO.: 0717155 0717156

LEGISLATIVE DISTRICT: 36

SPONSOR: NJDOT

PROGRAM CATEGORY: Safety - Safety Improvements

MPO	Phase	Item No.	Fund	Amount
NJTPA	DES	263	HSIP	\$500,000

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 22, Weequahic Park, Drainage Improvements	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	Item No.	Fund	Amount
NJTPA	DES	180	NHS	\$500,000
NJTPA	ROW	422	STATE	\$100,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 23/80, Long-term Interchange Improvements	9233B6

The proposed long-term improvements may involve a major construction project that addresses existing weekday and weekend congestion problems and provides for a critical missing link in the highway network. While the NJDOT's Interchange Study recommended several concepts for long-term improvements, the Routes 23/46/80 Task Force could not, based on the preliminary nature of such concepts, determine one concept to endorse. The Routes 23/46/80 Task Force agreed that the NJDOT should further develop four concepts to determine the most viable alternative to meet the needs of the interchange.

The following special Federal appropriation was allocated to this project. FY06 SAFETEA-LU, HPP \$1,200,000 (available 20% per year).

COUNTY: Passaic Essex

MUNICIPALITY: Wayne Twp. Fairfield Twp.

MILEPOSTS: 23: 5.1-5.7; 80: 52.8-53.75

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 40 27 SPONSOR: NJDOT

PROGRAM CATEGORY: Capital Program Delivery - Planning Programs and Studies

MPO	Phase	Item No.	Fund	Amount
NJTPA	FA	150	HPP20	\$480,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
<b>Route 24, I-287 Interchange to West of Route 124 Interchange, Resurfacing</b>	<b>04382</b>

This project consists of milling and resurfacing Route 24 in both directions from the vicinity of milepost 0 to 6.8 in Morris and Essex Counties.

The roadway within the project limits is in generally poor condition, exhibiting rutting, high-severity wheel path fatigue cracking, high-severity potholes and severely deteriorated longitudinal joints between the right lane and shoulder. The outside shoulder is generally in poor condition. Extensive patching was performed in Spring 2004 by Region North Maintenance Contract in which portions of the travel lanes were milled 2 inches and resurfaced 2 inches. There are a few inlets within the project limits. Guiderail and bridge structures exist between the project limits. There are existing raised pavement markers within the project limits. Existing curb reveal varies from 4 to 6 inches.

This pavement preservation project is focused on extending pavement life and improving serviceability. Only resurfacing and incidentals required to facilitate the resurfacing as outlined in the scope of work for 3R projects will be done.

COUNTY: Morris Essex

MUNICIPALITY: Various

MILEPOSTS: 0 - 6.8

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 21 25 26 SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Highway Resurfacing

MPO	Phase	Item No.	Fund	Amount
NJTPA	CON	307	STATE	\$12,600,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 46, Hollywood Avenue	9111B

Route 46 at Hollywood Avenue has inadequate acceleration and deceleration lanes. The interchange ramps are undivided for the opposing traffic. These conditions create a safety problem for motorists. Standard acceleration and deceleration lanes will be provided along Route 46 east and west bound, the ramps with Hollywood Avenue will be signalized, Hollywood Avenue will be widened to provide a left-turn lane northbound, and the ramps will be widened to provide physical separation of traffic.

COUNTY: Essex

MUNICIPALITY: Fairfield Twp.

MILEPOSTS: 53.90

STRUCTURE NO.: 0722152 0722153

LEGISLATIVE DISTRICT: 27

SPONSOR: NJDOT

PROGRAM CATEGORY: Congestion Relief - Hwy Operational Improvements

MPO	Phase	Item No.	Fund	Amount
NJTPA	ROW	433	STATE	\$1,543,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 46, Passaic Avenue to Willowbrook Mall	9233B3

Route 46 will be widened between Passaic Avenue and Willowbrook Mall, from four lanes to six lanes using the existing shoulders as an additional travel lane. New shoulders will be constructed adjacent to the current shoulders; however, no right of way acquisition will be required. No widening will take place on the bridge structure; however, the existing shoulders will be used as an additional travel lane. Interim structural repairs are required for structure number 0722157. This will include deck repair, repairs to the abutments, sidewalk and bridge railing. The bridge deck will be restriped to accommodate three traffic lanes. Four sign structures will also be constructed.

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 \$4,925,000.

The following Federal appropriation was allocated to this project. FY06 SAFETEA-LU/HPP \$500,000 and FY06 SAFETEA-LU/HPP, \$9,500,000 (available 20% per year). This appropriation also includes Route 46, Broad Street Bridge Replacement; Route 46/23/80 Interchange Improvements; and Route 46/23 Connector.

COUNTY: Essex Passaic

MUNICIPALITY: Fairfield Boro Wayne Twp.

MILEPOSTS: 54.96 - 55.56

STRUCTURE NO.: 0722156 0722157 0722158 1606411

LEGISLATIVE DISTRICT: 26 40 SPONSOR: NJDOT

PROGRAM CATEGORY: Congestion Relief - Bottleneck Widening

MPO	Phase	Item No.	Fund	Amount
NJTPA	DES	144	HPP20	\$400,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 280, Garden State Parkway, Interchange 145	05311

The existing one-lane Ramp D structure over I-280 will be replaced with a two-lane ramp. The new ramp will have improved geometry and an inside shoulder. In addition, the acceleration lane from Ramp "D" to I-280 westbound will be increased from one lane to two lanes.

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 \$16,125,000. This project was originally authorized in FY 2006.

COUNTY: Essex

MUNICIPALITY: East Orange City

MILEPOSTS: 11.48 - 12.39

STRUCTURE NO.: 0730172

LEGISLATIVE DISTRICT: 34

SPONSOR: NJDOT

PROGRAM CATEGORY: Congestion Relief - Hwy Operational Improvements

MPO	Phase	Item No.	Fund	Amount
NJTPA	CON	3	I-MAINT	\$9,125,000

# FY 2007 TRANSPORTATION CAPITAL PROGRAM

## New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 280, Passaic River Bridge (AKA Stickel Bridge), rehabilitation	00358

The existing four-span, six-lane, vertical-lift bridge will undergo a major rehabilitation. Improvements will include rehabilitation of the superstructure, electrical and mechanical systems, and deck elements due to their severely deteriorated condition. The project will also include minor concrete substructure repairs.

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 \$29,210,000. This project was originally authorized in FY 2006.

COUNTY: Essex Hudson

MUNICIPALITY: Newark City Harrison Town

MILEPOSTS: 14.42 - 14.60

STRUCTURE NO.: 0731161

LEGISLATIVE DISTRICT: 29 32 SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

MPO	Phase	Item No.	Fund	Amount
NJTPA	CON	30	BRIDGE	\$13,210,000