

FY 2006 TRANSPORTATION CAPITAL PROGRAM

New Jersey Department of Transportation Projects

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Bloomfield Avenue Bridge over Branch Brook Park Road	NS0013

This project purposes to rehabilitate the bridge and to restore the original aesthetic appearance to the fullest extent possible. The existing bridge is a 70-foot wide by 160-foot long elliptical, steel and concrete arch that carries four travel lanes and two sidewalks over a park roadway. The rehabilitation will consist of the removal of the existing roadway pavement, sidewalks, and curbs between the concrete parapets and spandrel walls that will remain. The arch fill will be removed to expose the extrados of the arch. Suitable concrete repairs will be made to the exposed structure in accordance with generally accepted conservation methodologies. A waterproofing membrane will be applied and new fill, pavement and sidewalks will be installed. This work will be accomplished under staged construction, maintaining two lanes of traffic and one sidewalk open at all times.

COUNTY: Essex

MUNICIPALITY: Newark City

MILEPOSTS: N/A

STRUCTURE NO.: 0700008

LEGISLATIVE DISTRICT: 28

SPONSOR: Essex County

PROGRAM CATEGORY: Bridge Preservation - Local Bridges

MPO	Item No.	Phase	Fund	Amount
NJTPA	186	DES	STP-NJ	\$400,000

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

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	Item No.	Phase	Fund	Amount
NJTPA	43	DES	BRIDGE	\$1,500,000

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

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	Item No.	Phase	Fund	Amount
NJTPA	261	CON	STATE	\$9,034,000

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

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.

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	Item No.	Phase	Fund	Amount
NJTPA	347	ERC	STATE	\$6,000,000

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<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
University Heights Connector (AKA I-280, Downtown Connector, Phase II)	824A

First Street is the direct access from I-280 to University Heights. Improvements to First Street from Sussex Avenue to West Market Street will provide two through lanes in each direction and exclusive left-turn lanes. This project will be designed to be bicycle/pedestrian compatible.

The following special Federal appropriations were allocated to this project. FY 1995/559 \$4,500,000 (balance available \$1,019,874), TEA-21/Q92 \$7,457,598 (balance available \$136,067), FY 2002/528 \$3,000,000 (balance available \$40,955), FY 2003/341 \$1,200,000 (balance available \$0).

COUNTY: Essex

MUNICIPALITY: Newark City

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 29

SPONSOR: NJDOT

PROGRAM CATEGORY: Congestion Relief - Hwy Operational Improvements

MPO	Item No.	Phase	Fund	Amount
NJTPA	90	CON	DEMO	\$1,702,060
NJTPA	182	CON	STP-NJ	\$5,068,000

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

This project proposes to construct a pedestrian bridge over Route 21, conforming to an alignment preferred by stakeholders. A multi-story building may become part of the bridge. As such, the bridge being considered in the recommended scheme would be of sufficient width, foundation system and structure to accommodate such a building.

The following special Federal appropriations were allocated to this project. TEA-21/Q92 \$1,025,100 (balance available \$1,025,100).

COUNTY: Essex

MUNICIPALITY: Newark City

MILEPOSTS: 4.1

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 29

SPONSOR: NJDOT

PROGRAM CATEGORY: Intermodal Programs - Bicycle/Pedestrian

MPO	Item No.	Phase	Fund	Amount
NJTPA	113	PD	DEMO	\$1,025,100

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<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 21, TSM 6, Contract 3 - I-280 to Passaic Street	722B

This project will include widening of the existing roadway by approximately one-half lane on each side; intersection improvements, including left-turn and right-turn lanes as required; auxiliary lane in each direction to improve intersection operations; elimination of existing signals and left-turn movements at selected intersections; geometric changes; signalization changes. There are no bicycle accommodations within the project limits; however, pedestrian accommodations will be provided.

This project is funded under the provisions of Section 13 of P.L. 1995, c.108. Total construction funding is \$42,290,000.

The following special Federal appropriations were allocated to this project. FY 1991-92/528 \$6,488,000 (balance available \$69,846), ISTEA/367 \$13,579,217 (balance available \$20,759) and FY 1995/559 \$4,500,000 (balance available \$11,948). This allocation included funding for the widening of Route 21 through Newark which includes Contracts 1, 2 and 3.

COUNTY: Essex

MUNICIPALITY: Newark City

MILEPOSTS: 3.40 - 4.20

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 29

SPONSOR: NJDOT

PROGRAM CATEGORY: Congestion Relief - Bottleneck Widening

MPO	Item No.	Phase	Fund	Amount
NJTPA	268	CON	STATE	\$13,790,000

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<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	Item No.	Phase	Fund	Amount
NJTPA	369	DES	STATE	\$800,000

<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 46/159, Plymouth Street/Clinton Road (52)	9113

This project will provide interim improvements at the Plymouth Street and Clinton Road intersection. These improvements will include three new traffic signals; addition of an auxiliary lane on Route 46 eastbound; westbound traffic will be directed onto Madison Road for U-turn and left-turn movements; and drainage improvements.

COUNTY: Essex

MUNICIPALITY: Fairfield Twp.

MILEPOSTS: 52.12 - 53.10

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 27

SPONSOR: NJDOT

PROGRAM CATEGORY: Congestion Relief - Hwy Operational Improvements

MPO	Item No.	Phase	Fund	Amount
NJTPA	275	CON	STATE	\$6,535,000

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

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

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<i>PROGRAM/PROJECT NAME</i>	<i>Project ID Number</i>
Route 280 Eastbound over Morristown-Erie Railroad	05394

The overall condition of the structure is listed as serious; the deck is in serious condition and is classified as extensively deteriorated. The superstructure is in serious condition due to numerous fatigue cracks and eight rolled beams over the east pier and center spans which have experienced a partial of full shear failure causing the bridge deck to drop approximately four inches. The structure has deteriorated to the point that the superstructure needs to be replaced.

COUNTY: Essex

MUNICIPALITY: Roseland Boro

MILEPOSTS: 4.27

STRUCTURE NO.: 0728157

LEGISLATIVE DISTRICT: 27

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Deck Rehab and Replacement

MPO	Item No.	Phase	Fund	Amount
NJTPA	40	EC	BRIDGE	\$5,000,000

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

The existing Ramp D structure over I-280 will be widened in order to increase the ramp from one to two lanes. 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. Total construction cost is anticipated to be \$10,700,000.

The following special Federal appropriations were allocated to this project. FY 2005/Interstate Maintenance \$661,333 (balance available \$661,333) and FY 2005/National Corridor Planning and Border Development program \$992,000 (balance available \$992,000).

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	Item No.	Phase	Fund	Amount
NJTPA	3	CON	I-MAINT	\$7,000,000

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<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. Total construction cost is \$22,900,000.

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	Item No.	Phase	Fund	Amount
NJTPA	30	CON	BRIDGE	\$16,000,000