

FY 2005 TRANSPORTATION CAPITAL PROGRAM

New Jersey Department of Transportation Projects

<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
CR 615, CR Bordentown Avenue/Ernston Road, 673 Intersection Improvements	NS9705

This project includes improvements to the intersection of Bordentown Avenue and Ernston Road and the replacement of an existing Conrail bridge over Ernston Road. This intersection suffers from operational deficiencies due to the insufficient opening of the railroad bridge and substandard turning radii. Project limits include Locust and Villanova Drive along Ernston Road and Haven Terrace and Princeton Drive along Bordentown Avenue.

COUNTY: Middlesex

MUNICIPALITY: Sayreville Boro Old Bridge Twp.

MILEPOSTS: N/A

STRUCTURE NO.: RR over Hwy.

LEGISLATIVE DISTRICT: 19 13

SPONSOR: Middlesex County

PROGRAM CATEGORY: Local Aid - Local Roadway Improvements

Item No.	MPO	Phase	Fund	Amount
195	NJTPA	DES	STP-NJ	\$1,500,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
Carteret Industrial Road	98547

This project will address the upgrade of Carteret Industrial Road.

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 \$3.0 M for this project. FY 2000 and FY2001 RABAs have increased the total authorization amount to \$3,079,004.

COUNTY: Middlesex

MUNICIPALITY: Carteret Boro

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 19

SPONSOR: Local Lead

PROGRAM CATEGORY: Local Aid - Local Roadway Improvements

Item No.	MPO	Phase	Fund	Amount
96	NJTPA	ERC	DEMO	\$2,079,004

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
CR 514 Woodbridge Center	00308

This project is being sponsored by Middlesex County. The Department of Transportation will participate in the construction of a grade-separated interchange at the existing signalized intersection of Main Street (CR 514) and Woodbridge Center Drive in Woodbridge Township.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. The Department's share of this project is \$16,000,000.

COUNTY: Middlesex

MUNICIPALITY: Woodbridge Twp.

MILEPOSTS: 33.60

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 19

SPONSOR: Middlesex County

PROGRAM CATEGORY: Local Aid - Local Roadway Improvements

Item No.	MPO	Phase	Fund	Amount
267	NJTPA	CON	STATE	\$4,000,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
1	North of Ryders Lane to south of Milltown Road (6V)
	9239

The project includes the total replacement of the deficient bridge on the existing alignment, plus approach roadway profile and vertical sight distance improvements, improvement of ramp geometry and reducing the number of bridge spans from five to one. No additional through lanes are proposed. The typical section will be three 12-foot lanes, a 12-foot auxiliary lane, a 3-foot inside shoulder, and a 12-foot outside shoulder in each direction, separated by a concrete barrier curb. Elimination of the railroad line under the bridge is an important element of the preferred alternative. Also included are geometric improvements and four traffic signals along parallel service roads on both sides of Route 1 within the project limits. This project is being designed to be bicycle/pedestrian compatible. In addition, safety conditions will be improved for bicycle/pedestrians along College Farm Road and Access Road.

Construction will be multi-year funded. The total construction cost is anticipated to be \$19,860,000.

COUNTY: Middlesex

MUNICIPALITY: North Brunswick Twp.

MILEPOSTS: 25.60 - 25.80

STRUCTURE NO.: 1202152

LEGISLATIVE DISTRICT: 17

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

Item No.	MPO	Phase	Fund	Amount
302	NJTPA	DES	STATE	\$1,800,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
1	047
South of Pierson Avenue to North of Garden State Parkway (7L)	

This project will provide for widening of Route 1 to three 12-foot lanes with a 3-foot inside shoulder and a 12-foot outside shoulder, or 13-foot auxiliary lane in each direction. Entrance and exit ramps will be added at Pierson Avenue, Grandview Avenue, Parsonage Road, and Ford Avenue to aid in the smooth flow of traffic. The bridge over Amboy Avenue will be replaced and the existing ramps will be upgraded. The bridge over the Conrail South Amboy Line will be replaced with a box culvert in anticipation of the development of a greenways trail. Pedestrian amenities (crosswalks, curb cuts, etc.) will be provided at Grandview Avenue, Parsonage Road, and Ford Avenue intersections with Route 1. Sidewalks (4-6 feet) will be provided at Amboy Avenue, Grandview Avenue, Parsonage Road, and Ford Avenue intersections with Route 1. The existing lanes on Amboy Avenue will be restriped to provide bicycle lanes. Fiber optic conduit will be installed to accommodate future ITS technologies. This project will be bicycle/pedestrian compatible where possible.

This is a multi-year funded project under the provisions of Section 13 of P. L. 1995, c.108. Total construction funding is \$35,626,000.

COUNTY: Middlesex

MUNICIPALITY: Edison Twp. Woodbridge Twp.

MILEPOSTS: 31.86 - 34.78

STRUCTURE NO.: 1204150 1204151

LEGISLATIVE DISTRICT: 18 19 SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge and Roadway Preservation - Bridge and Roadway Rehabilitation

Item No.	MPO	Phase	Fund	Amount
123	NJTPA	CON	NHS	\$12,017,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
1&9 35 Interchange, South of interchange to Tappan Street	046B

The existing structure is in very poor condition, has substandard underclearance, and is extremely functionally obsolete. The tight substandard radii of the existing ramps poses a serious safety problem (overturning) to trucks. In addition, the lack of acceleration/deceleration lanes results in dangerous traffic weave patterns. The obsolete cloverleaf interchange configuration will be replaced with a diamond interchange configuration, with vastly improved ramp geometries and acceleration/deceleration lanes. The project will also improve the drainage at Hudson Boulevard.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. Total construction funding is \$31,800,000.

The Federal FY 2003 National Corridor Planning and Development Program provided funding of \$850,000 for this project.

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 \$5.25 M for Route 1 widening between Pierson Avenue and Inman Avenue. FY 2000 and FY2001 RABAs have increased the total authorization amount to \$5,388,256.

COUNTY: Middlesex

MUNICIPALITY: Woodbridge Twp.

MILEPOSTS: 35.80 - 36.80

STRUCTURE NO.: 1205150

LEGISLATIVE DISTRICT: 19

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge and Roadway Preservation - Bridge and Roadway Rehabilitation

Item No.	MPO	Phase	Fund	Amount
88	NJTPA	CON	DEMO	\$1,400,000
121	NJTPA	CON	NHS	\$16,400,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
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 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

Item No.	MPO	Phase	Fund	Amount
124	NJTPA	CON	NHS	\$8,300,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
9 Bus Shoulder Use and Pedestrian Improvements	03320

This project will consist of reconstructing three miles of northbound and southbound shoulders of Route 9 in Old Bridge Township to allow for use by buses in the AM and PM peak travel times. Additionally, pedestrian improvements such as crosswalks, sidewalks, pedestrian signals, pedestrian warning signs and median treatments to curtail unauthorized crossing of Route 9 will be implemented.

COUNTY: Middlesex

MUNICIPALITY: Old Bridge Twp.

MILEPOSTS: 122.40 - 126.60

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 13

SPONSOR: NJDOT/NJ TRANSIT

PROGRAM CATEGORY: Congestion Management - Demand Management

Item No.	MPO	Phase	Fund	Amount
131	NJTPA	DES	NHS	\$560,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
18 Interchange of CRs 516/527	9394

Interchange improvements include the elimination of geometric design deficiencies at the existing interchange to improve safety and operations. This realignment includes widening Route 18 to provide adequate inside shoulders and widening CRs 516/527 in both directions through the interchange area. To accommodate these improvements, the existing bridge over Route 18 will be replaced. The Initially Preferred Alternative also provides a new ramp from Route 18 northbound to CR 516/527 eastbound and westbound via a new signalized intersection. The existing ramps to and from Route 18 and CR 516/527 will also be reconfigured to match the alignment of Route 18 and CR 516/527. The signalized intersection of CR 516 and Old Matawan Road will be relocated and improved. This signal will be coordinated with the new signal at the ramp from Route 18 to optimize operations at both intersections. This project will be bicycle/pedestrian compatible.

COUNTY: Middlesex

MUNICIPALITY: Old Bridge Twp.

MILEPOSTS: 34.00 - 34.50

STRUCTURE NO.: 1211152

LEGISLATIVE DISTRICT: 13

SPONSOR: NJDOT

PROGRAM CATEGORY: Congestion Management - Hwy Operational Improvements

Item No.	MPO	Phase	Fund	Amount
135	NJTPA	DES	NHS	\$2,000,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
18 Route 1 to Northeast Corridor Amtrak Line north of Route 27 (2F 7E 11H)	108

The project will include roadway rehabilitation, reconstruction, and operational improvements via collector-distributor design on the same alignment to relieve congestion and improve safety and the flow of traffic. Included within the project are construction of a collector-distributor road, elimination of the grass median, installation of concrete barrier, safety upgrades, intersection and ramp improvements, reconstruction of four interchanges (George Street, Commercial Avenue, New Street and Route 27), two pedestrian overpasses and noise walls. This project will be bicycle/pedestrian compatible. There will be a continuous 12-foot multi-modal path on the northbound side along the corridor including ADA compliance pedestrian overpasses and underpasses. Bus turnouts, shelter areas, and pedestrian overpasses will facilitate transit access.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. Total construction funding is anticipated to be \$134,000,000.

Structure Numbers: 1229150, 1214152, 1214151, 1237150, 1214411

COUNTY: Middlesex

MUNICIPALITY: New Brunswick City

MILEPOSTS: 40.60 - 42.52

STRUCTURE NO.: Various (See Descript.)

LEGISLATIVE DISTRICT: 17

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge and Roadway Preservation - Bridge and Roadway Rehabilitation

Item No.	MPO	Phase	Fund	Amount
126	NJTPA	CON	NHS	\$58,000,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
18 Ext. Hoes Lane Extension to I-287 (3A)	115B

Existing Hoes Lane from the Hoes Lane Extension to I-287 will be rehabilitated and will remain a four-lane roadway with signal modification. This project will be bicycle/pedestrian compatible.

Construction is anticipated to be multi-year funded under the provisions of Section 13 of P.L. 1995, c.108. Total design funds are \$3,000,000; total right of way cost is \$8,000,000, total construction cost is \$31,500,000.

COUNTY: Middlesex

MUNICIPALITY: Piscataway Twp.

MILEPOSTS: 45.59 - 47.79

STRUCTURE NO.: 1231166 1231167

LEGISLATIVE DISTRICT: 17

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Hwy Rehab and Recon

Item No.	MPO	Phase	Fund	Amount
293	NJTPA	DES	STATE	\$1,500,000
368	NJTPA	ROW	STATE	\$1,500,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
27 Conrail Port Reading Branch Bridge (6L)	93132

The existing structure consists of one 13-foot to 16-foot travel lane and one 2-foot to 10-foot shoulder in each direction. The improvements will provide one 12-foot travel lane and one 10-foot shoulder in each direction. Sidewalks will be provided throughout the project. There are no intersection improvements proposed. This project is bicycle/pedestrian compatible.

COUNTY: Middlesex
MUNICIPALITY: Metuchen Boro
MILEPOSTS: 22.75 - 23.10
STRUCTURE NO.: 1218154
LEGISLATIVE DISTRICT: 18 SPONSOR: NJDOT
PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

Item No.	MPO	Phase	Fund	Amount
30	NJTPA	DES	BRIDGE	\$700,000
58	NJTPA	ROW	BRIDGE	\$300,000

<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
27 Six Mile Run Bridge (3E)	146

This project will provide for the replacement of the existing structure on the same alignment. The existing structure has two 11-foot travel lanes and shoulders of varying width. The new structure will have two 12-foot travel lanes and 10-foot shoulders, along with a sidewalk on the western side of the structure.

COUNTY: Middlesex Somerset
MUNICIPALITY: North Brunswick Twp. Franklin Twp.
MILEPOSTS: 11.45 - 11.65
STRUCTURE NO.: 1216158
LEGISLATIVE DISTRICT: 17 SPONSOR: NJDOT
PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

Item No.	MPO	Phase	Fund	Amount
38	NJTPA	DES	BRIDGE	\$400,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
27 South Plainfield Branch (Lake Avenue Bridge)	95102

This project will provide for the replacement of the Lake Avenue (Route 27) bridge over the abandoned South Plainfield Branch. The new structure will provide for four travel lanes. A new traffic signal will be provided for the intersection of Route 27 and Lake Avenue which will be hard wired to a revised traffic signal at the Route 27 intersection with Amboy Avenue. This project will be bicycle/pedestrian compatible.

COUNTY: Middlesex

MUNICIPALITY: Metuchen Boro

MILEPOSTS: 21.55 - 21.61

STRUCTURE NO.: 1218152

LEGISLATIVE DISTRICT: 18

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

Item No.	MPO	Phase	Fund	Amount
374	NJTPA	ROW	STATE	\$300,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
27 Wood Avenue	93227C

A new grade-separated interchange will be built at this location. The existing signal at this location will be replaced by a signal at each end of a two-way ramp connection located in the southwest quadrant between Route 27 and Wood Avenue. This project will be bicycle/pedestrian compatible.

Construction is anticipated to be multi-year funded under the provisions of Section 13 of P.L. 1995, c.108. Total construction cost is \$22,830,000.

COUNTY: Middlesex

MUNICIPALITY: Edison Twp. Woodbridge Twp.

MILEPOSTS: 23.97 - 24.63

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 18

SPONSOR: NJDOT

PROGRAM CATEGORY: Congestion Management - Hwy Operational Improvements

Item No.	MPO	Phase	Fund	Amount
298	NJTPA	DES	STATE	\$1,500,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
35 Victory Bridge over Raritan River (12T)	178

The existing deficient swing bridge will be replaced with a high-level, fixed structure. The existing structure carries four 9 1/2-foot travel lanes with no shoulders. The new structure will carry two 12-foot travel lanes with 10-foot right shoulder and 3-foot inside shoulder in each direction. This project also involves construction of a Hess Access Road, which is a continuation of a connector road from Perth Amboy to the Victory Bridge. This project will be bicycle/pedestrian compatible.

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

COUNTY: Middlesex

MUNICIPALITY: Perth Amboy City Sayreville Boro

MILEPOSTS: 51.10 - 52.48

STRUCTURE NO.: 1223150

LEGISLATIVE DISTRICT: 19

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

Item No.	MPO	Phase	Fund	Amount
29	NJTPA	CON	BRIDGE	\$25,000,000

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<i>ROUTE/PROGRAM</i>	<i>Project ID Number</i>
130 Mae Brook Bridge, replacement	99303

This project will provide for the replacement of the failed original section of the Mae Brook Culvert (Branch of Lawrence Brook) and the rehabilitation of the remaining section. The rehabilitation will be limited to patching the spalled areas and epoxy injection or pressure grouting of cracks in the existing culvert walls. There are no existing sidewalks within the project limits. The County of Middlesex has indicated they have no plans for bicycle facilities within the project vicinity. The work will not include permanent modifications to the existing roadway and/or the existing status of pedestrian/bicycle compatibility within or adjacent to the project area.

COUNTY: Middlesex

MUNICIPALITY: North Brunswick Twp.

MILEPOSTS: 80.30

STRUCTURE NO.: 1227160

LEGISLATIVE DISTRICT: 17

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

Item No.	MPO	Phase	Fund	Amount
259	NJTPA	CON	STATE	\$980,000

