

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>
Amwell Road Bridge over Neshanic River	L002	L002

This project will replace the existing Amwell Road bridge over the Neshanic River. The bridge is 7.3 meters between abutments with one lane in each direction. The roadway work includes minor widening to provide a 3.6 meter lane and 2.4 meter shoulder in each direction. The roadway approaches will also be realigned to provide adequate sight distance. As part of the project, the Amwell Road/Montgomery Road/Black Point Road intersection will be improved. The intersection improvements will consist of milling, resurfacing, new concrete curb construction and drainage.

COUNTY: Somerset

MUNICIPALITY: Hillsborough Twp.

MILEPOSTS: N/A

STRUCTURE NO.: 18B0507

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Local Bridges

TOTAL CONSTRUCTION COST: \$2,940,000

MPO	Phase	Fund				Unfunded Future Needs	
			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
NJTPA	DES	STP-NJ	\$1,000,000				
NJTPA	CON	STP-NJ		\$2,940,000			

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
CR 514 Amwell Road Railroad Bridge over Conrail	L003	L003

The project involves replacement of the existing Amwell Road bridge over Conrail Trenton Rail Line (now CSX Rail). The existing single-span bridge is classified as structurally deficient and functionally obsolete. The replacement structure will be located to the south of the existing alignment to meet the future alignment of Amwell Road following construction of the Route 206 Bypass. The bridge will be constructed on an improved vertical alignment, increasing the existing substandard sight distance over the rail line and will provide a 12-foot travel lane and 12-foot shoulder in each direction. This project will be bicycle/pedestrian compatible.

COUNTY: Somerset

MUNICIPALITY: Hillsborough Twp.

MILEPOSTS: N/A

STRUCTURE NO.: 1850165

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Railroad Overhead Bridges

TOTAL CONSTRUCTION COST: \$6,500,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
			FY 2008			FY 2009	
NJTPA	CON	STP-NJ	\$6,500,000				

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
CR 518 Bedens Brook Bridge	L082	L082

This project will provide for the replacement of the existing structure on an improved alignment. The new structure will carry a roadway width of 36 feet with shoulders on both sides.

COUNTY: Somerset

MUNICIPALITY: Montgomery Twp.

MILEPOSTS: N/A

STRUCTURE NO.: 18D0204

LEGISLATIVE DISTRICT: 16

SPONSOR: Somerset County

PROGRAM CATEGORY: Bridge Preservation - Local Bridges

TOTAL CONSTRUCTION COST: \$2,000,000

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

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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>
CR 667 Elm Street Bridge over South Branch of Raritan River	NS0207	NS0207

This project will provide for the rehabilitation of this deteriorated structure.

COUNTY: Somerset

MUNICIPALITY: Branchburg Twp. Hillsborough Twp.

MILEPOSTS: 0.04

STRUCTURE NO.: 18C0601

LEGISLATIVE DISTRICT: 16 SPONSOR: Somerset County

PROGRAM CATEGORY: Bridge Preservation - Local Bridges

TOTAL CONSTRUCTION COST: \$2,500,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
			FY 2008			FY 2009	
NJTPA	CON	STP-NJ		\$2,500,000			

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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>
Old Dutch Road Bridge	L099	L099

The existing structure, which is over a tributary of the North Branch of the Raritan River, carries one 15-foot travel lane with no shoulders and will be replaced. The new structure will carry two 10-foot, 2-inch travel lanes and two 2-foot outside shoulders. This project is not bicycle or pedestrian compatible.

COUNTY: Somerset

MUNICIPALITY: Bedminster Twp.

MILEPOSTS: N/A

STRUCTURE NO.: 18E1205

LEGISLATIVE DISTRICT: 16

SPONSOR: Somerset County

PROGRAM CATEGORY: Bridge Preservation - Local Bridges

TOTAL CONSTRUCTION COST: \$850,000

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

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Opie/River Road Bridge (C0607) over South Branch of Raritan River	NS9902	NS9902

This project is comprised of the replacement of the existing structure with a new bridge. The existing structure is structurally deficient due to the poor condition of its substructure and low structural evaluation. It is also functionally obsolete as a result of poor deck geometry and has a 10-ton weight posting. The new structure will be wider than the existing bridge and will have improved roadway approaches.

COUNTY: Somerset

MUNICIPALITY: Branchburg Twp. Hillsborough Twp.

MILEPOSTS: N/A

STRUCTURE NO.: 18C0607

LEGISLATIVE DISTRICT: 16

SPONSOR: Somerset County

PROGRAM CATEGORY: Bridge Preservation - Local Bridges

TOTAL CONSTRUCTION COST: \$2,000,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
			FY 2008			FY 2009	
NJTPA	CON	STP-NJ	\$2,000,000				

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Peapack Road Bridge	L055	L055

The existing structure, which is over the North Branch of the Raritan River, has two 9-foot, 5-inch travel lanes with two 5-foot, 9-inch shoulders. The new structure will have 11-foot, 1-inch travel lanes and 6-foot, 11-inch outside shoulders. This project is bicycle compatible; however, it will not be pedestrian compatible because sidewalks will not be provided.

COUNTY: Somerset

MUNICIPALITY: Far Hills Boro

MILEPOSTS: N/A

STRUCTURE NO.: 18E1206

LEGISLATIVE DISTRICT: 16

SPONSOR: Local Lead

PROGRAM CATEGORY: Bridge Preservation - Local Bridges

TOTAL CONSTRUCTION COST: \$1,300,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
			FY 2008			FY 2009	
NJTPA	CON	STP-NJ	\$1,300,000				

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
Woodfern Road Bridges (B0510, B0511, B0512) over S. Branch of Raritan River	NS9901	NS9901

This project includes the rehabilitation of County Bridges 18B0511 and 18B0512, and the replacement of County Bridge 18B0510. Bridges 18B0511 and 18B0512 are historically significant and eligible for listing on the National Register of Historic Places. All three bridges are structurally deficient due to the condition of their superstructures. The north roadway approach to these structures will also be improved as part of this project.

COUNTY: Somerset

MUNICIPALITY: Branchburg Twp. Hillsborough Twp.

MILEPOSTS: N/A

STRUCTURE NO.: 18B0510 18B0511 18B0512

LEGISLATIVE DISTRICT: 16

SPONSOR: Somerset County

PROGRAM CATEGORY: Bridge Preservation - Local Bridges

TOTAL CONSTRUCTION COST: \$3,000,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
			FY 2008			FY 2009	
NJTPA	CON	STP-NJ	\$3,000,000				

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
22 Chimney Rock Road Interchange Improvements	98542	98542

This project will provide interchange improvements at Chimney Rock Road.

Construction is anticipated to be multi-year funded under the provisions of Section 13 of P.L. 1995, c.108. Total construction cost is \$28,021,000.

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 \$17.25 M for this project. FY 2000 and FY2001 RABAs have increased the total authorization amount to \$17,704,269.

COUNTY: Somerset

MUNICIPALITY: Bridgewater Twp.

MILEPOSTS: 37.13

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 16

SPONSOR: Somerset County

PROGRAM CATEGORY: Congestion Management - Hwy Operational Improvements

TOTAL CONSTRUCTION COST: \$28,021,200

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	DES	DEMO	\$2,000,000				
NJTPA	ROW	DEMO	\$2,000,000				
NJTPA	CON	DEMO			\$13,321,246		
NJTPA	CON	TBD				\$14,700,000	

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
22 Crab Brook, Drainage Improvements	93151	93151

Flooding of westbound Route 22 and adjacent Crab Brook in the vicinity of North Drive to Watchung Avenue occurs several times a year. The flooding results from inadequate hydraulic capacities of Crab Brook and Route 22 culverts. The improvements consist of deepening and widening the Crab Brook channel between North Drive and DuPont Street. Crab Brook will be cleaned downstream of DuPont Street. Additional inlets and larger culverts across Route 22 at three locations will provide hydraulic capacity necessary to convey runoff from the north side of Route 22 into Crab Brook.

COUNTY: Somerset

MUNICIPALITY: North Plainfield Boro

MILEPOSTS: 45.25

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 22

SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Drainage

TOTAL CONSTRUCTION COST: \$8,189,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	DES	STATE	\$700,000				
NJTPA	ROW	STATE		\$1,000,000			
NJTPA	CON	STP			\$8,189,000		

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
22 Park Avenue/Bonnie Burn Road	9189	9189

This project will provide for the total replacement of the existing bridge over Route 22 and will provide three 12-foot lanes in the northbound direction and two 12-foot lanes in the southbound direction of Park Avenue Road between the intersections of Bonnie Burn Road and Sunset Place. The intersection of Park Avenue Road/New Providence Road with Bonnie Burn Road will be reconfigured for improved intersection traffic flow.

COUNTY: Somerset

MUNICIPALITY: Watchung Boro Scotch Plains Twp.

MILEPOSTS: 47.15 - 47.55

STRUCTURE NO.: 2003150

LEGISLATIVE DISTRICT: 21 22 SPONSOR: NJDOT

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

TOTAL CONSTRUCTION COST: \$10,840,000

MPO	Phase	Fund	FY 2005			Unfunded Future Needs	
			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
NJTPA	DES	NHS	\$1,800,000				
NJTPA	ROW	STATE		\$850,000			
NJTPA	CON	TBD				\$10,840,000	

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
27 Six Mile Run Bridge (3E)	146	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

TOTAL CONSTRUCTION COST: \$2,720,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	DES	BRIDGE	\$400,000				
NJTPA	ROW	BRIDGE		\$500,000			
NJTPA	CON	BRIDGE			\$2,720,000		

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
202 Somerset/Morris Drainage Improvements (3 locations)	93164A1	93164A1

At Sunny Branch Road, work includes clearing the culvert, installing drainage upgrades and regrading the outlet channel. At the Municipal Complex, work includes replacement of the composite culvert headwall configuration, installation of a longitudinal system along the southbound shoulders and construction of a rip-rap lined outlet channel to Mine Brook. At the Harter Road location, work includes installation of nine "shallow" catch basins, longitudinal system, cross drains, outlet pipe and conduit outlet protection.

COUNTY: Somerset Morris

MUNICIPALITY: Far Hills Boro Bernardsville Boro Morris Twp.

MILEPOSTS: 32.95; 36.50; 43.20

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 16 25 SPONSOR: NJDOT

PROGRAM CATEGORY: Roadway Preservation - Drainage

TOTAL CONSTRUCTION COST: \$2,635,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	DES	STP	\$700,000				
NJTPA	ROW	STP	\$200,000				
NJTPA	CON	STP		\$2,635,000			

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
206 Crusers Brook Bridge (41)	94060	94060

This project will provide for the replacement of the existing structure, which is in poor condition due to the condition of the superstructure and the inadequate deck geometry. Also, the structure is potentially scour critical, since the abutments are not founded on piles.

COUNTY: Somerset

MUNICIPALITY: Montgomery Twp.

MILEPOSTS: 61.80

STRUCTURE NO.: 1810155

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

TOTAL CONSTRUCTION COST: \$5,100,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	DES	BRIDGE	\$750,000				
NJTPA	ROW	BRIDGE	\$800,000				
NJTPA	CON	BRIDGE		\$5,100,000			

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
206 CSX Bridge Replacement	94059	94059

This project provides for the replacement of the existing 85-foot, single-span bridge with a new 138-foot, single-span structure. The improvements will include a realignment of Route 206 to the west with a roadway section that will provide for one 12-foot travel lane, 10-foot shoulder, and sidewalk in each direction. A new "T" intersection with traffic signal will be constructed for the relocated intersection of Route 206 and CR 601. The improvements will upgrade Route 206 and the adjacent roadways to improve their operational characteristics and safety throughout the project limits. The existing bridge will be open to traffic until the construction of the new structure is completed. This project will be bicycle/pedestrian compatible with shoulders and sidewalks provided on both sides of the roadway as well as crosswalks.

COUNTY: Somerset

MUNICIPALITY: Montgomery Twp.

MILEPOSTS: 62.3 - 62.9

STRUCTURE NO.: 1810156

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

PROGRAM CATEGORY: Bridge Preservation - Bridge Rehab and Replacement

TOTAL CONSTRUCTION COST: \$12,990,000

MPO	Phase	Fund	FY 2005			FY 2006		FY 2007		Unfunded Future Needs	
			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2008	FY 2009		
NJTPA	DES	STATE	\$1,100,000								
NJTPA	ROW	STATE		\$2,500,000							
NJTPA	CON	NHS				\$12,990,000					

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
206 Wetland Preservation, Somerset	02348	02348

The wetland preservation initiative will satisfy the 1:1 wetland mitigation requirement by the NJ Department of Environmental Protection for the wetland impacts associated with the Route 206, Section 15J, Section 15N, and Route 206 Bypass, Sections 14A 15A projects.

COUNTY: Somerset

MUNICIPALITY: Various

MILEPOSTS: N/A

STRUCTURE NO.: N/A

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

PROGRAM CATEGORY: Quality of Life - Wetlands Mitigation

TOTAL CONSTRUCTION COST: \$0

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	ROW	TBD				\$3,000,000	

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<i>ROUTE/PROGRAM</i>	<i>Project ID No.</i>	<i>TIP No.</i>
206 Bypass Belle Mead-Griggstown Road to Old Somerville Road (14A 15A)	779	779

This project will provide for construction of a segment of Route 206 on new alignment, bypassing a segment of existing highway which has serious congestion and safety problems. The new segment of roadway will consist of four 12-foot travel lanes, two 12-foot outside shoulders, two 5-foot inside shoulders, a 20-foot grass median, and two 15-foot outside borders.

Advance utility work will be performed on the Duke Energy pipeline, Buckeye pipeline and AT&T facilities.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. Total design cost is \$11,625,000; total construction funding is anticipated to be \$81,200,000.

COUNTY: Somerset

MUNICIPALITY: Hillsborough Twp. Montgomery Twp.

MILEPOSTS: 62.20 - 66.30

STRUCTURE NO.: 1810164

LEGISLATIVE DISTRICT: 16

SPONSOR: NJDOT

PROGRAM CATEGORY: Strategic Mobility - Missing Links

TOTAL CONSTRUCTION COST: \$81,200,000

MPO	Phase	Fund	FY 2005	FY 2006	FY 2007	Unfunded Future Needs	
						FY 2008	FY 2009
NJTPA	DES	STATE	\$4,000,000				
NJTPA	UTI	NHS			\$9,000,000		
NJTPA	CON	TBD				\$37,700,000	\$43,500,000