

# NJTPA

## Transportation Improvement Program Fiscal Years 2004 - 2006

**Routes:**                      **Section:** CARGOMATE                      **Mileposts:** N/A                      **DBNUM:** 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 federal FY 2001 DOT Appropriations Act provided funding for this project under an ITS grant. This project has been allocated \$750,000.



**Counties:**

Essex / Union

**Municipalities:**

Various

**Category / Program:**

Intermodal Programs / Goods Movement

**Sponsor:**

Port Authority NYNJ

**Total Cost FY 2004 -2006: (Million) \$0.750      Unconstrained Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
ERC	DEMO	\$.750				
		\$.750				

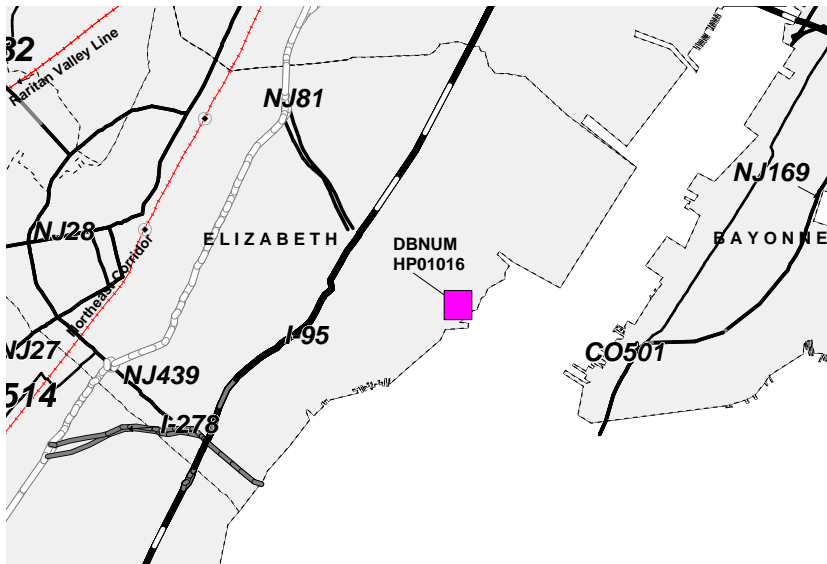
# NJTPA

## Transportation Improvement Program Fiscal Years 2004 - 2006

**Routes:**                      **Section:** Elizabeth Ferry Project                      **Mileposts:** N/A                      **DBNUM:** HP01016

Funding has been provided by the Federal Highway Administration for the Elizabeth ferry.

The federal FY 2001 DOT Appropriations Act provided funding for this project under FTA grants. The funding was reduced by 0.22% under Section 1403 of the FY 2001 Omnibus Consolidated Appropriations Act. This project has been allocated \$500,000.



**Counties:**  
Union

**Municipalities:**  
Elizabeth City

**Category / Program:**  
Intermodal Programs / Ferries

**Sponsor:**  
Union County

**Total Cost FY 2004 -2006: (Million) \$0.500      Unconstrained Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
LFA	DEMO	\$.500				
		\$.500				

# NJTPA

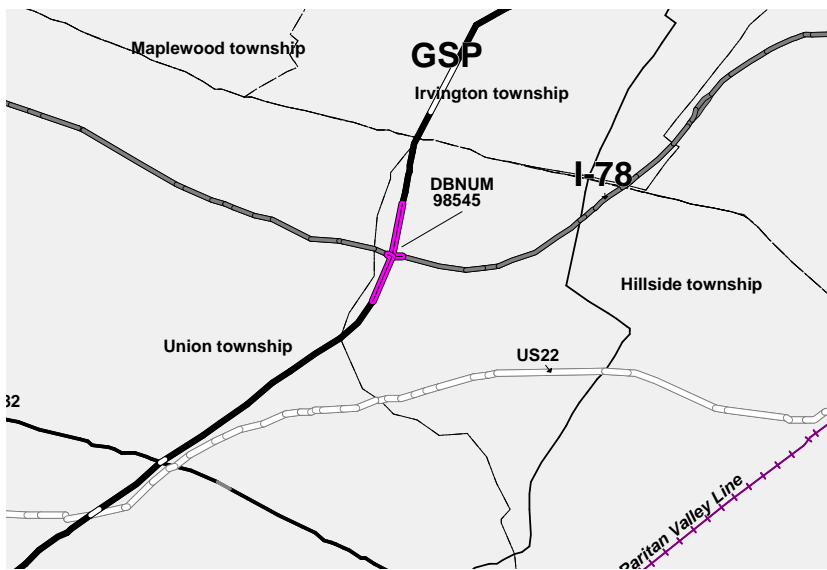
## Transportation Improvement Program Fiscal Years 2004 - 2006

**Routes:**                      **Section:** Garden State Parkway, Interchange 142 (I-78)                      **Mileposts:** GSP: 142.8; DBNUM: 98545 I-78: 53.5

This project will provide for the construction of two missing ramps at the Garden State Parkway, Interchange 142 with I-78 to provide the movement from the Garden State Parkway northbound to I-78 westbound and the Garden State Parkway southbound to I-78 eastbound.

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 \$22.5 M for this project. FY 2000 and FY2001 RABAs have increased the total authorization amount to \$23,092,525.

Construction will be multi-year funded. Total construction cost is anticipated to be \$52,588,000.



**Counties:**

Union / Essex

**Municipalities:**

Hillside Twp. / Irvington Twp.

**Category / Program:**

Congestion Management / Hwy Operational Improvements

**Sponsor:**

NJ Hwy Authority

**Total Cost FY 2004 -2006: (Million) \$36.788**      **Unconstrained Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
DES	DEMO	\$9.200				
CON	DEMO			\$21.393		
CON	OTHER			\$6.195		
CON	TBD				\$25.000	
		\$9.200		\$27.588		

**NJTPA**

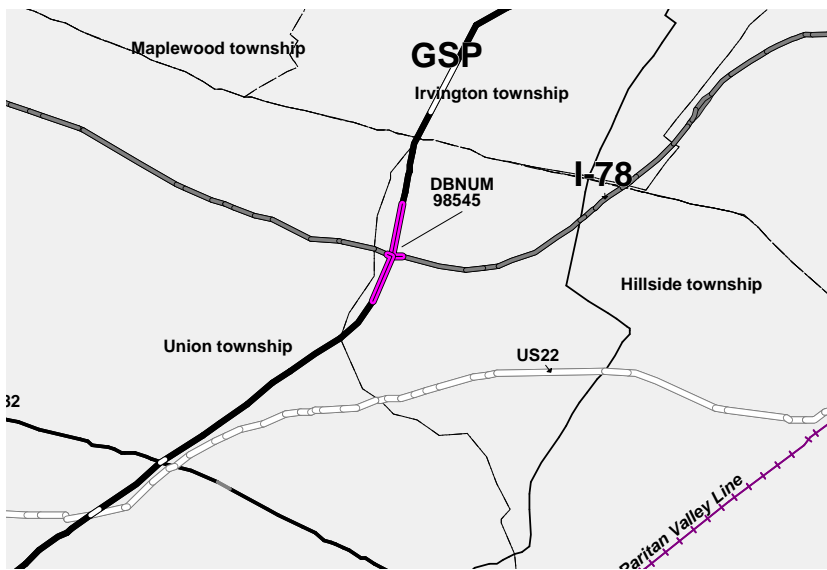
**Transportation Improvement Program Fiscal Years 2004 - 2006**

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**Counties:**

Union / Essex

**Municipalities:**

Hillside Twp. / Irvington Twp.

**Category / Program:**

Congestion Management / Hwy Operational Improvements

**Sponsor:**

NJ Hwy Authority

**Total Cost FY 2004 -2006: (Million) \$27.588**      **Unconstrained Information Years**

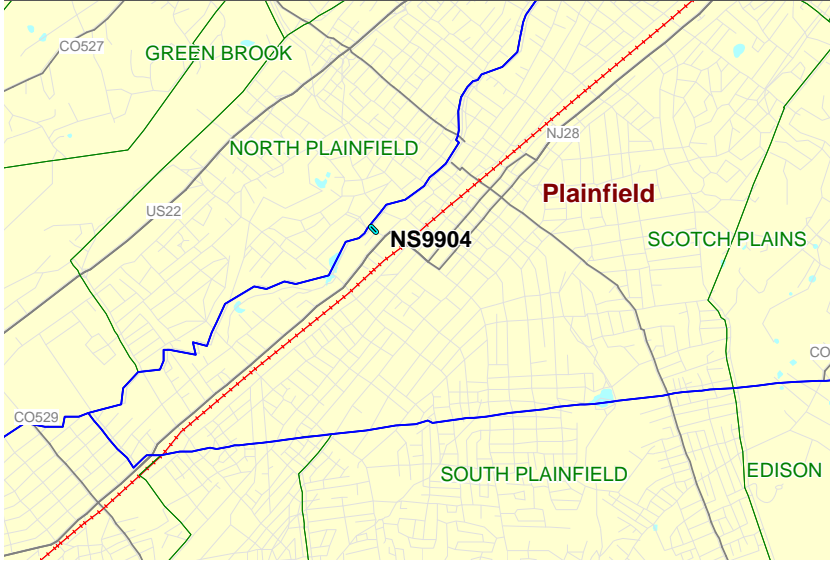
PHASE	SOURCE	2004	2005	2006	2007	2008
CON	DEMO			\$21.393		
CON	OTHER			\$6.195		
CON	TBD				\$25.000	
				\$27.588		

# NJTPA

## Transportation Improvement Program Fiscal Years 2004 - 2006

<b>Routes:</b>	<b>Section:</b> Geraud Avenue Bridge over Green Brook	<b>Mileposts:</b> N/A	<b>DBNUM:</b> NS9904
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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 proposes to replace the existing structure with a new bridge.



**Counties:**  
Somerset / Union

**Municipalities:**  
North Plainfield Boro /  
Plainfield City

**Category / Program:**  
Bridge Preservation / Local  
Bridges

**Sponsor:**  
Somerset County

**Total Cost FY 2004 -2006: (Million) \$0.800**

**Unconstrained  
Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
CON	STP-NJ		\$ .800			
			\$ .800			

# NJTPA

## Transportation Improvement Program Fiscal Years 2004 - 2006

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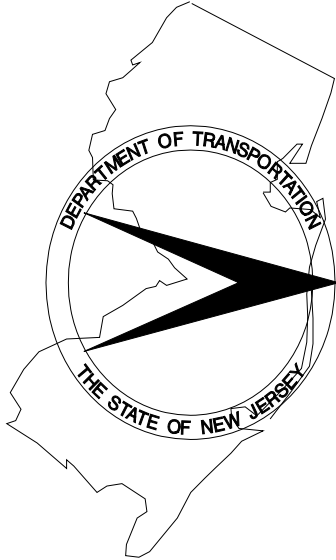
**Routes:**                    **Section:** International                    **Mileposts:** N/A                    **DBNUM:** 99301  
   Intermodal Corridor

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This program will provide funding for the international intermodal transportation center and corridor among and within the cities of Bayonne, Elizabeth, and Newark.

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 \$2.0 M for this project. FY 2000 and FY2001 RABAs have increased the total authorization amount to \$2,052,669.

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**Counties:**

Hudson / Union / Essex

**Municipalities:**

Bayonne City / Newark City / Elizabeth City

**Category / Program:**

Intermodal Programs / Goods Movement

**Sponsor:**

NJDOT

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**Total Cost FY 2004 -2006: (Million) \$0.100**

**Unconstrained Information Years**

<b>PHASE</b>	<b>SOURCE</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
ERC	DEMO	\$ .100				
		\$ .100				

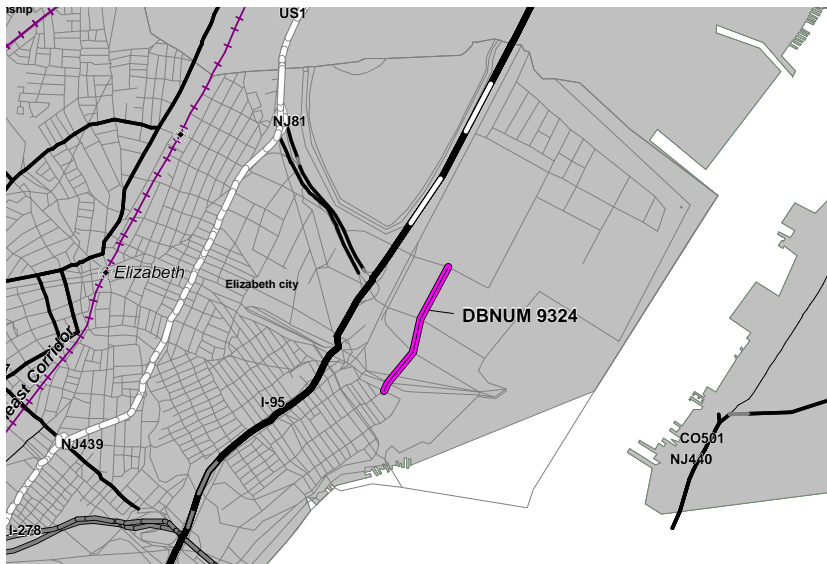
# NJTPA

## Transportation Improvement Program Fiscal Years 2004 - 2006

**Routes:**                      **Section:** Kapkowski Road, North Avenue and Trumbull Street                      **Mileposts:** N/A                      **DBNUM:** 9324

The county of Union recognizes that a Comprehensive Transportation Planning Study of the Kapkowski Road, North Avenue and Trumbull Street area is needed to examine and evaluate existing and proposed transportation improvements. It is critical that new and proposed developments in the area, as well as existing land uses, have specific transportation infrastructure improvements outlined prior to further construction. It is also important that an overall plan be put in place to ensure that the transportation system (which includes highway, transit and pedestrian elements) functions effectively. This effort will encompass an evaluation of current conditions, an analysis of proposed developments and transportation improvements, the preparation of an overall circulation plan and a Comprehensive Transportation Planning Study. This comprehensive study will recommend a phased series of transportation improvements needed for the area and provide concept/feasibility design on key projects so that they can become part of the NJDOT and NJTPA project pipeline. This comprehensive planning study will provide a much needed transportation planning framework which is now a major focal point in the Union County TDD.

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 \$2.0 M for this project. FY 2000 and FY2001 RABAs have increased the total authorization amount to \$2,052,669.



**Counties:**

Union

**Municipalities:**

Elizabeth City

**Category / Program:**

Strategic Mobility / Economic Development

**Sponsor:**

Union County

**Total Cost FY 2004 -2006: (Million) \$0.053**

**Unconstrained Information Years**

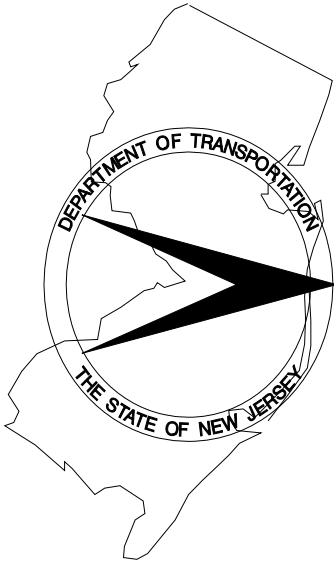
PHASE	SOURCE	2004	2005	2006	2007	2008
LFA	DEMO	\$0.053				
		\$0.053				

**NJTPA**

**Transportation Improvement Program Fiscal Years 2004 - 2006**

**Routes:**                      **Section:** Union County FY      **Mileposts:**                      **DBNUM:** N0401  
    2004 Resurfacing

This program will provide for the milling, resurfacing and handicap ramp construction of various Union County roadways in Berkeley Heights, Clark, Cranford, Elizabeth, Fanwood, Plainfield, Roselle Park, Rahway, Scotch Plains and Union.



**Counties:**  
Union

**Municipalities:**  
Various

**Category / Program:**  
Local Aid / Local Roadway  
Improvements

**Sponsor:**  
Union County

Total Cost FY 2004 -2006: (Million) \$3.030      Unconstrained  
Information Years

PHASE	SOURCE	2004	2005	2006	2007	2008
CON	STP-NJ	\$3.030				
		\$3.030				



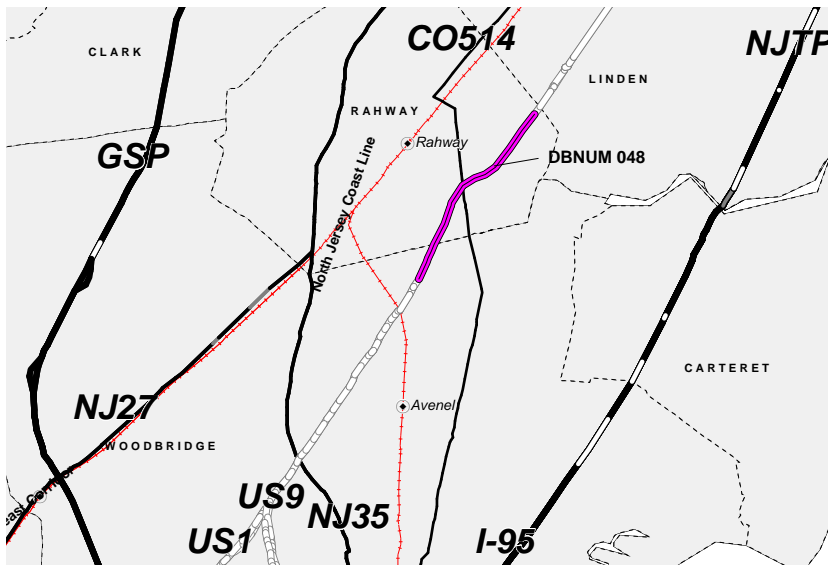
# NJTPA

## Transportation Improvement Program Fiscal Years 2004 - 2006

**Routes:** 1&9      **Section:** 1K 3M, Production Way to East Lincoln Avenue      **Mileposts:** 37.99 - 39.74      **DBNUM:** 048

Rehabilitation of 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.

Construction will be multi-year funded under the provisions of Section 13 of P. L. 1995, c.108. The anticipated construction cost is \$23,700,000.



**Counties:**  
Middlesex / Union

**Municipalities:**  
Rahway City / Woodbridge Twp.

**Category / Program:**  
Bridge and Roadway Preser /  
Bridge and Roadway  
Rehabilitation

**Sponsor:**  
NJDOT

**Total Cost FY 2004 -2006: (Million) \$23.700**      **Unconstrained Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
CON	NHS		\$8.300	\$15.400		
			\$8.300	\$15.400		

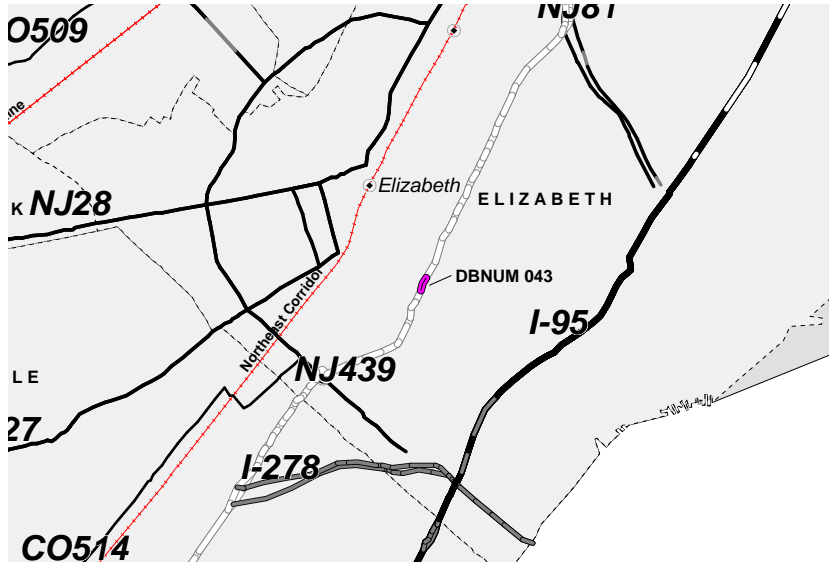
# NJTPA

## Transportation Improvement Program Fiscal Years 2004 - 2006

**Routes:** 1&9      **Section:** 4T, Elizabeth River Bridge      **Mileposts:** 44.00      **DBNUM:** 043

The existing structure, which carries two 10-foot travel lanes with no shoulders, will be replaced. The new structure will carry six 3.6 meter travel lanes, two 3.6 meter outside shoulders, and two 0.9 meter inside shoulders. Bicycle/pedestrians will be accommodated on shoulders.

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. The anticipated construction cost is \$72,000,000.



**Counties:**  
Union

**Municipalities:**  
Elizabeth City

**Category / Program:**  
Bridge Preservation / Bridge Rehab and Replacement

**Sponsor:**  
NJDOT

**Total Cost FY 2004 -2006: (Million) \$84.000**      **Unconstrained Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
ROW	NHS	\$12.000				
CON	STATE	\$10.500	\$36.000	\$25.500		
		\$22.500	\$36.000	\$25.500		

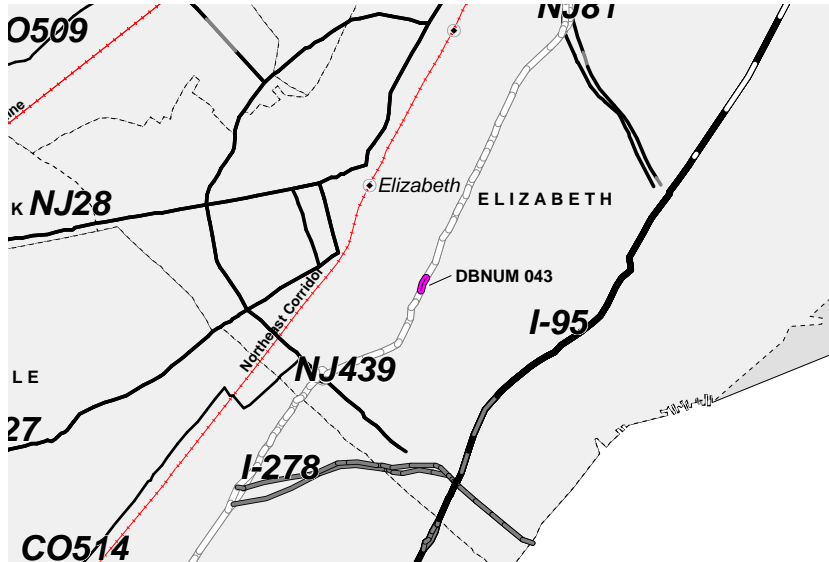
**NJTPA**

**Transportation Improvement Program Fiscal Years 2004 - 2006**

**Routes:** 1&9      **Section:** 4T, Elizabeth River Bridge      **Mileposts:** 44.00      **DBNUM:** 043

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This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. The anticipated construction cost is \$72,000,000.



**Counties:**  
Union

**Municipalities:**  
Elizabeth City

**Category / Program:**  
Bridge Preservation / Bridge Rehab and Replacement

**Sponsor:**  
NJDOT

**Total Cost FY 2004 -2006: (Million) \$72.000**      **Unconstrained Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
CON	STATE	\$10.500	\$36.000	\$25.500		
		\$10.500	\$36.000	\$25.500		

# NJTPA

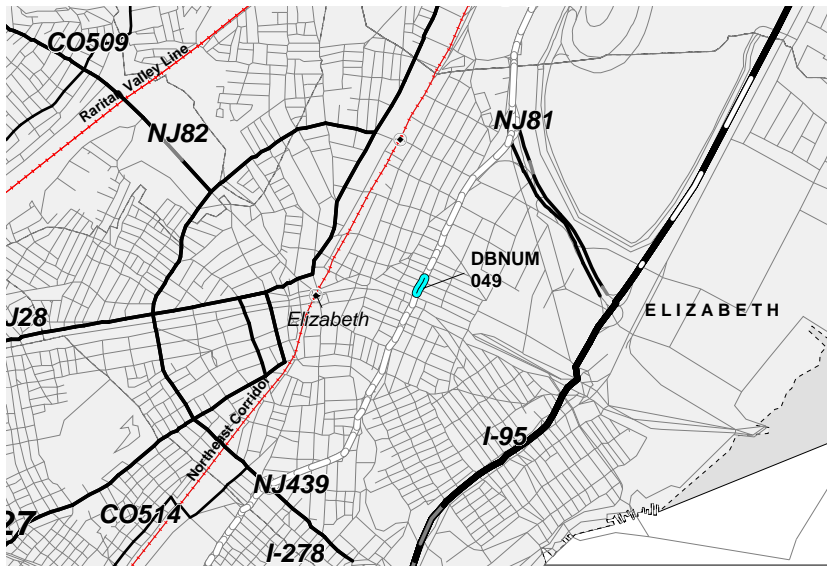
## Transportation Improvement Program Fiscal Years 2004 - 2006

**Routes:** 1&9

**Section:** ( 6) Magnolia Avenue Bridge

**Mileposts:** 44.65 - 44.75 **DBNUM:** 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 1 1/2 foot safety walk 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.



**Counties:**  
Union

**Municipalities:**  
Elizabeth City

**Category / Program:**  
Bridge Preservation / Bridge Rehab and Replacement

**Sponsor:**  
NJDOT

**Total Cost FY 2004 -2006: (Million) \$12.250**      **Unconstrained Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
ROW	STATE	\$2.000				
CON	STATE			\$10.250		
		\$2.000		\$10.250		

# NJTPA

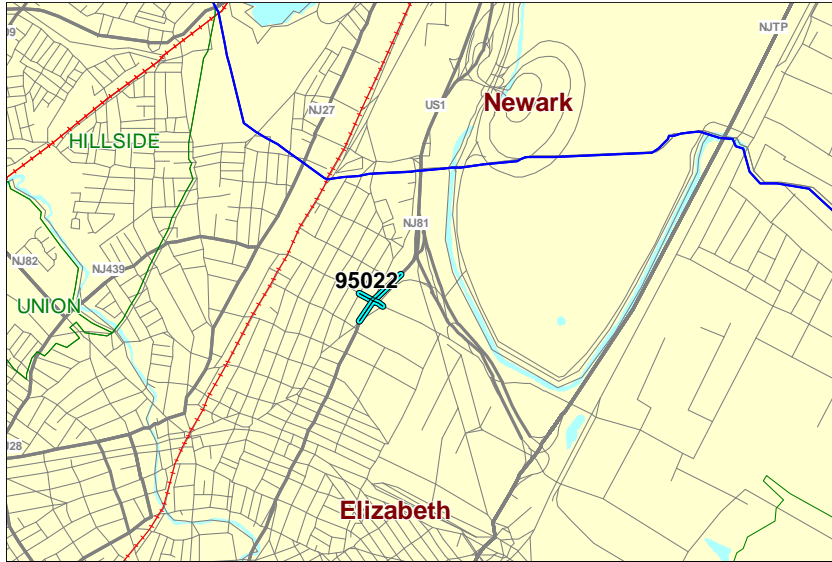
## Transportation Improvement Program Fiscal Years 2004 - 2006

**Routes:** 1&9

**Section:** North Avenue,  
Intersection  
Improvements

**Mileposts:** 45.10 - 45.54 **DBNUM:** 95022

This project consists of intersection improvements at Route 1&9 and North Avenue. The improvements include a new far-side jughandle, modification of the existing forward jughandle, optimized signal timing at North Avenue, construction of a new traffic signalized intersection and removal of the Louisa Street traffic signal. This project will be bicycle/pedestrian compatible.



**Counties:**  
Union

**Municipalities:**  
Elizabeth City

**Category / Program:**  
Safety / Safety Improvements

**Sponsor:**  
NJDOT

**Total Cost FY 2004 -2006: (Million) \$8.900**

**Unconstrained  
Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
CON	STP-NJ		\$8.900			
			\$8.900			

# NJTPA

## Transportation Improvement Program Fiscal Years 2004 - 2006

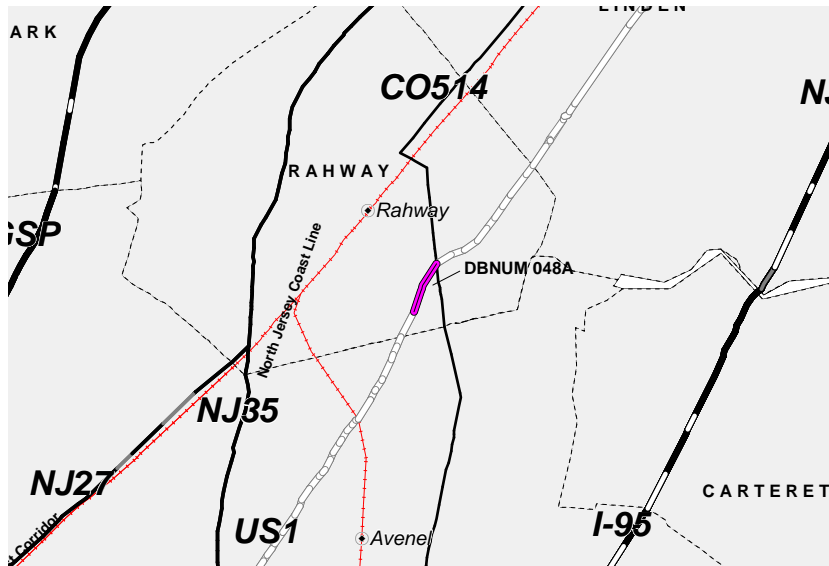
**Routes:** 1&9

**Section:** Rahway River Bridge **Mileposts:** 38.68

**DBNUM:** 048A

A new, parallel structure over the Rahway River on Routes 1&9 will be constructed. The new structure will carry three 12-foot travel lanes with two 12-foot shoulders. 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. The construction cost is \$30,290,000; the remaining needs are listed below.



**Counties:**

Union

**Municipalities:**

Rahway City

**Category / Program:**

Bridge Preservation / Bridge Rehab and Replacement

**Sponsor:**

NJDOT

**Total Cost FY 2004 -2006: (Million) \$25.700** **Unconstrained Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
CON	BRIDGE	\$25.700				
		\$25.700				

**NJTPA**

**Transportation Improvement Program Fiscal Years 2004 - 2006**

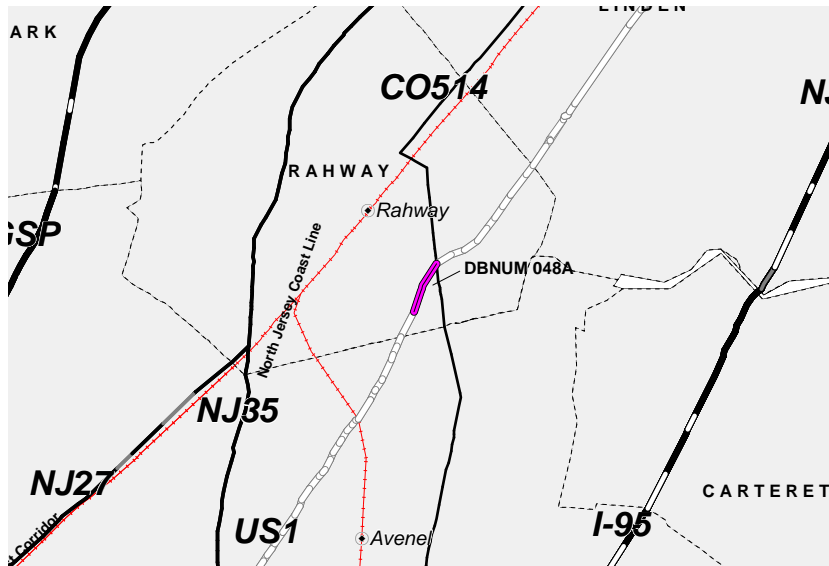
**Routes:** 1&9

**Section:** Rahway River Bridge **Mileposts:** 38.68

**DBNUM:** 048A

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This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108. The construction cost is \$30,290,000; the remaining needs are listed below.



**Counties:**

Union

**Municipalities:**

Rahway City

**Category / Program:**

Bridge Preservation / Bridge Rehab and Replacement

**Sponsor:**

NJDOT

**Total Cost FY 2004 -2006: (Million) \$29.700** **Unconstrained Information Years**

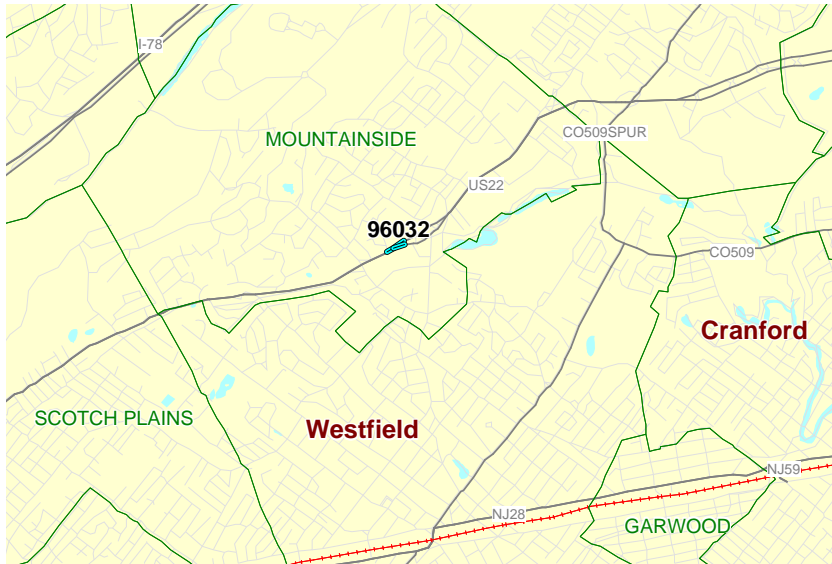
PHASE	SOURCE	2004	2005	2006	2007	2008
CON	BRIDGE	\$29.700				
		\$29.700				

# NJTPA

## Transportation Improvement Program Fiscal Years 2004 - 2006

**Routes:** 22      **Section:** Mountainside Boro, Drainage      **Mileposts:** 50.10 - 50.80      **DBNUM:** 96032

Currently, there is flooding on both sides of Route 22 in the vicinity of Evergreen Court. There is also flooding on eastbound Route 22 in the vicinity of Walnut Street. Drainage improvements at these locations will include the construction of detention basins to alleviate the flooding.



**Counties:**  
Union

**Municipalities:**  
Mountainside Boro

**Category / Program:**  
Roadway Preservation / Drainage

**Sponsor:**  
NJDOT

**Total Cost FY 2004 -2006: (Million) \$3.186**

**Unconstrained  
Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
ROW	STATE	\$.400				
CON	STP			\$2.786		
		\$.400		\$2.786		



# NJTPA

## Transportation Improvement Program Fiscal Years 2004 - 2006

**Routes:** 28      **Section:** Westfield Circle, West Broad Street to Prospect Street      **Mileposts:** 19.55 - 19.84      **DBNUM:** 93228

This project will modify the existing circle into a modern roundabout. In addition, the existing signalized intersections at Route 28/West Broad Street and Route 28/North Avenue/East Broad Street will be modified. Route 28 will be resurfaced to improve the skid resistance. The project will also include replacement of curbs, upgrading lane signing and markings to improve traffic, and improvements to the existing traffic signals within the project. There will be no bicycle accommodations within the project limits; however, pedestrian accommodations will be provided.

The Federal FY 2003 Section 330 Demonstration program provided funding in the amount of \$200,000.



**Counties:**

Union

**Municipalities:**

Westfield Town

**Category / Program:**

Congestion Management /  
Hwy Operational  
Improvements

**Sponsor:**

NJDOT

**Total Cost FY 2004 -2006: (Million) \$2.430**      **Unconstrained Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
CON	STATE	\$2.430				
		\$2.430				

# NJTPA

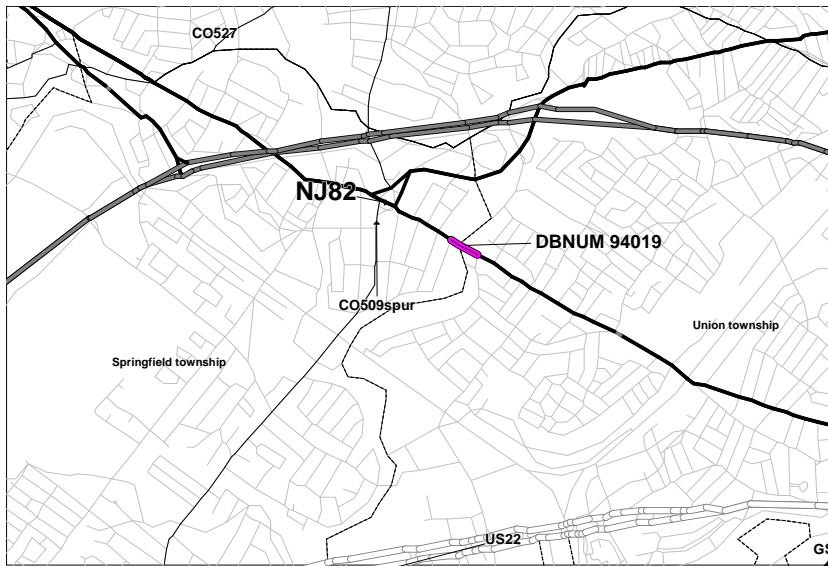
## Transportation Improvement Program Fiscal Years 2004 - 2006

**Routes:** 82

**Section:** Rahway River Bridge **Mileposts:** 0.38

**DBNUM:** 94019

This project will provide for the rehabilitation or replacement of the existing bridge (Structure No. 2012150), which is in poor condition due to the deteriorating condition of the superstructure. There are several large cracks in the deck surface and large patches at northeast and southwest corners of the deck. There is missing and deteriorated mortar in all three barrels. Also, there is exposed footing at the north end of both piers.



**Counties:**

Union

**Municipalities:**

Springfield Twp.

**Category / Program:**

Bridge Preservation / Bridge Rehab and Replacement

**Sponsor:**

NJDOT

**Total Cost FY 2004 -2006: (Million) \$1.050**

**Unconstrained Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
PD	STATE		\$1.050			
			\$1.050			

# NJTPA

## Transportation Improvement Program Fiscal Years 2004 - 2006

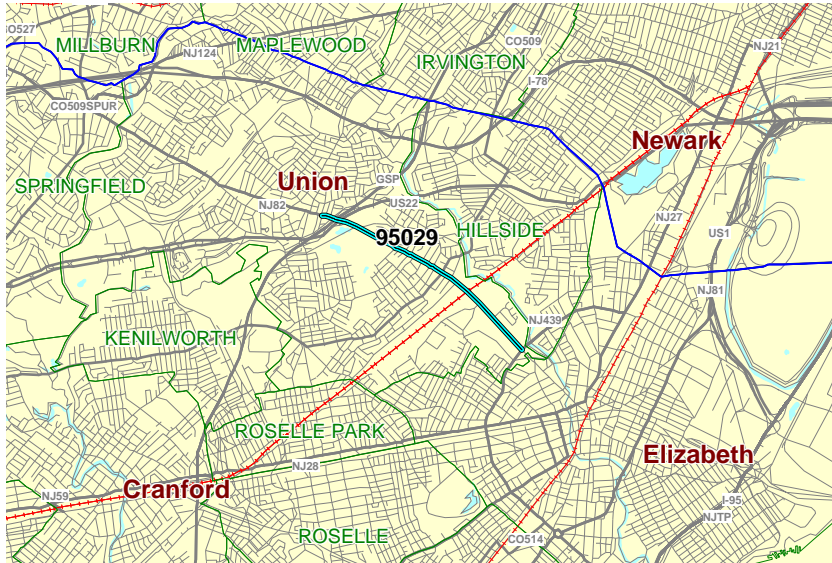
**Routes:** 82

**Section:** Union County  
Streetscape and  
Intersection  
Improvements

**Mileposts:** 2.30 - 5.00

**DBNUM:** 95029

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.



**Counties:**

Union

**Municipalities:**

Elizabeth City / Union Twp.

**Category / Program:**

Quality of Life / Landscape

**Sponsor:**

NJDOT

**Total Cost FY 2004 -2006: (Million) \$8.800**      **Unconstrained Information Years**

PHASE	SOURCE	2004	2005	2006	2007	2008
ROW	STP	\$ .900				
CON	STATE			\$7.900		
		\$ .900		\$7.900		