

NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

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 Section 378. 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 2003 -2005: (Million) \$0.750 Unconstrained Information Years

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|--------|------|------|------|------|
| FA | DEMO | \$.750 | | | | |
| | | \$.750 | | | | |

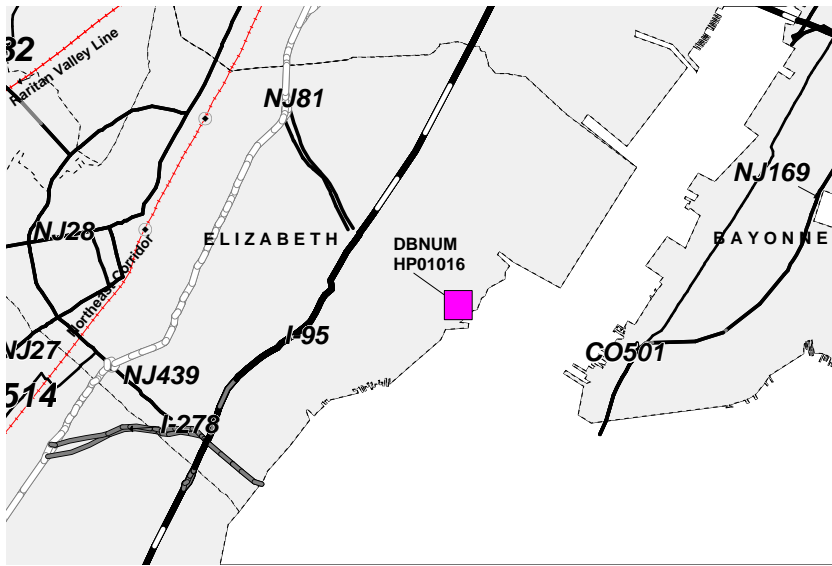
NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

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 Section 378. 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:
To be determined

Total Cost FY 2003 -2005: (Million) \$0.500 Unconstrained Information Years

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|--------|------|------|------|------|
| LFA | DEMO | \$.500 | | | | |
| | | \$.500 | | | | |

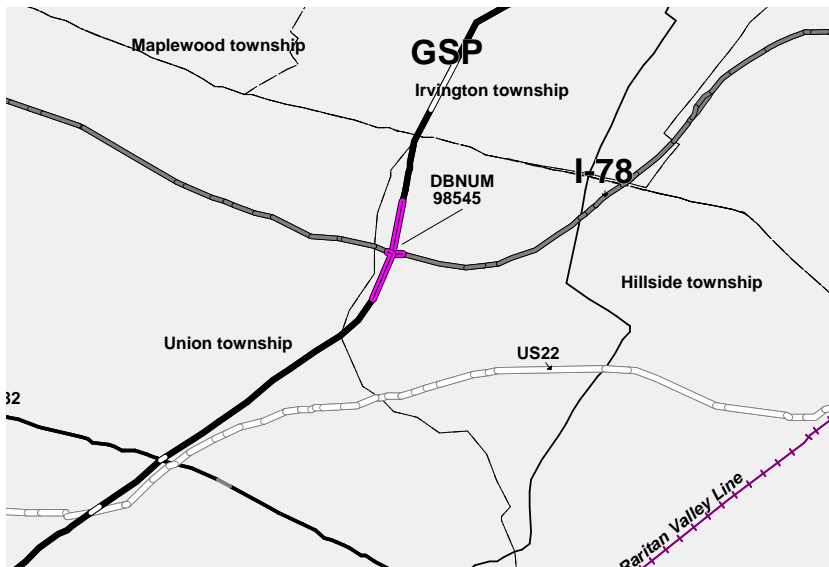
NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

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.



Counties:

Union / Essex

Municipalities:

Hillside Twp. / Irvington Twp.

Category / Program:

Congestion Management / Hwy Operational Improvements

Sponsor:

NJ Hwy Authority

Total Cost FY 2003 -2005: (Million) \$52.265 Unconstrained Information Years

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|------|---------|----------|------|------|
| CON | DEMO | | \$2.740 | \$14.953 | | |
| CON | STATE | | | \$34.572 | | |
| | | | \$2.740 | \$49.525 | | |

NJTPA

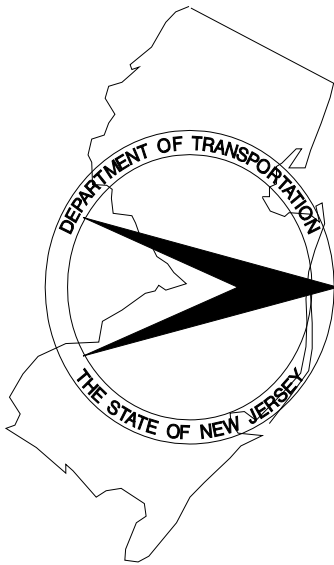
Transportation Improvement Program Fiscal Years 2003 - 2005

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

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

This is a multi-year funded project under the provisions of Section 13 of P.L. 1995, c.108.

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:

Hudson / Union / Essex

Municipalities:

Bayonne City / Newark City / Elizabeth City

Category / Program:

Intermodal Programs / Goods Movement

Sponsor:

NJDOT

Total Cost FY 2003 -2005: (Million) \$0.053 **Unconstrained Information Years**

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|--------|------|------|------|------|
| ERC | DEMO | \$.053 | | | | |
| | | \$.053 | | | | |

NJTPA

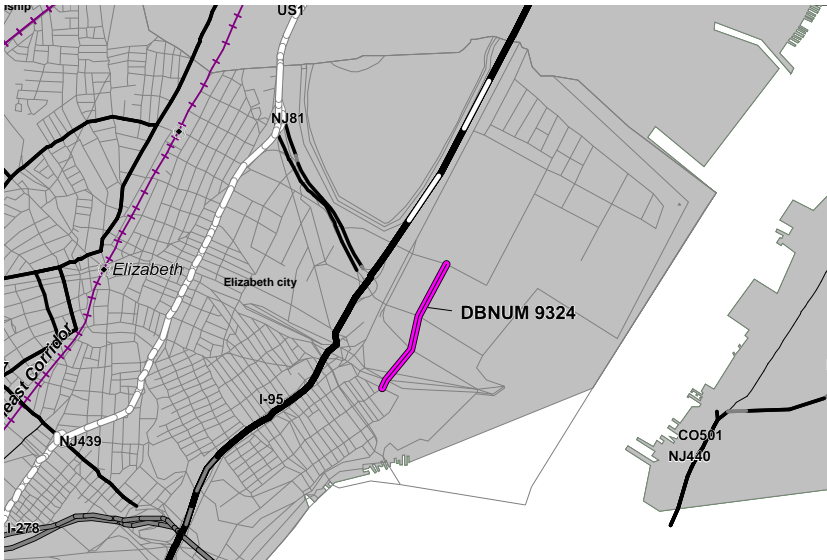
Transportation Improvement Program Fiscal Years 2003 - 2005

Routes: **Section:** Kapkowski Road **Mileposts:** N/A **DBNUM:** 9324

Kapkowski Road, North Avenue and Trumbull Street, planning study

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

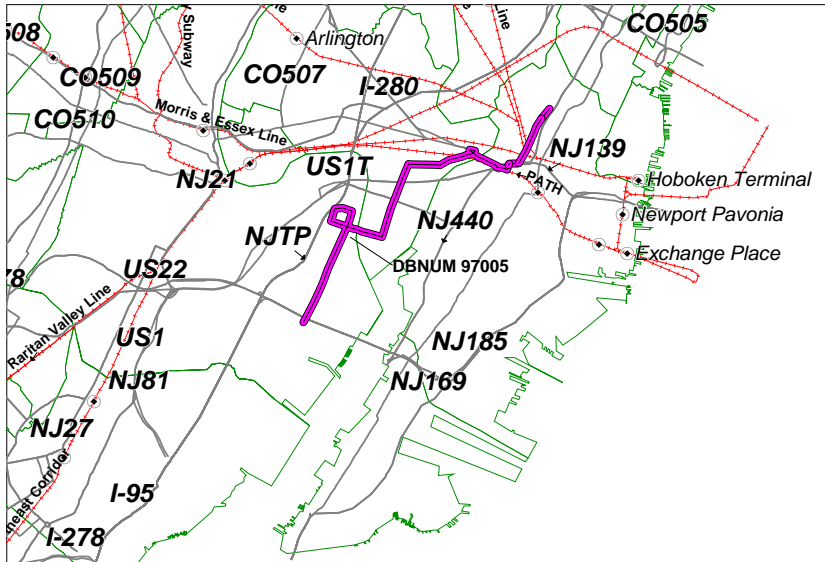
| | | Total Cost FY 2003 -2005: (Million) \$0.053 | | | Unconstrained Information Years | |
|-------|--------|---------------------------------------------|------|------|---------------------------------|------|
| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
| FA | DEMO | \$.053 | | | | |
| | | \$.053 | | | | |

NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

Routes: **Section:** Portway **Mileposts:** N/A **DBNUM:** 97005

Portway is a part of New Jersey's Intermodal Connection to World Trade. Portway improvements will create a dynamic new intermodal corridor for international goods movement and will provide a truck route that will relieve congestion on area roads as well as save time and energy for seaport traffic. It will establish an intermodal freight corridor that supports economic development and creates jobs. Portway improvements will occur in various municipalities such as Newark, Jersey City, Elizabeth, Kearny, Linden, and Rahway. This study will identify and prioritize potential extensions to Portway, Phase I.



Counties:
Union / Essex / Hudson

Municipalities:
Various

Category / Program:
Strategic Mobility / Economic Development

Sponsor:
NJDOT

Total Cost FY 2003 -2005: (Million) \$0.000 Unconstrained Information Years

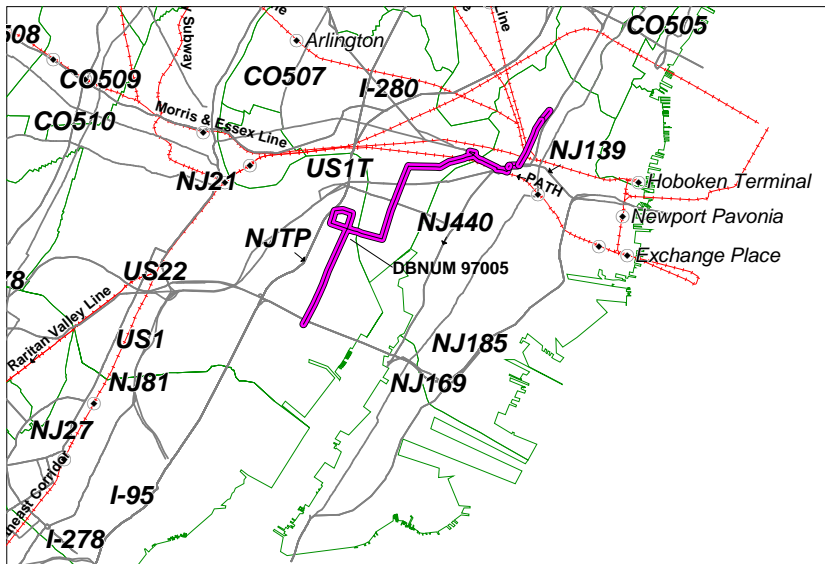
| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|---------|------|------|------|------|
| CD | STP | \$0.000 | | | | |
| | | | | | | |

NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

Routes: **Section:** Portway **Mileposts:** N/A **DBNUM:** 97005

Portway is a part of New Jersey's Intermodal Connection to World Trade. Portway improvements will create a dynamic new intermodal corridor for international goods movement and will provide a truck route that will relieve congestion on area roads as well as save time and energy for seaport traffic. It will establish an intermodal freight corridor that supports economic development and creates jobs. Portway improvements will occur in various municipalities such as Newark, Jersey City, Elizabeth, Kearny, Linden, and Rahway. This study will identify and prioritize potential extensions to Portway, Phase I.



Counties:
Union / Essex / Hudson

Municipalities:
Various

Category / Program:
Strategic Mobility / Economic Development

Sponsor:
NJDOT

Total Cost FY 2003 -2005: (Million) \$5.000 Unconstrained Information Years

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|---------|------|------|------|------|
| CD | STP | \$5.000 | | | | |
| | | \$5.000 | | | | |

NJTPA Transportation Improvement Program Fiscal Years 2003 - 2005

Routes: **Section:** Union County
Resurfacing, FY
2003 **Mileposts:** N/A **DBNUM:** N0314

This project will provide for milling, resurfacing and handicap ramp construction of various Union County roads.



Counties:

Union

Municipalities:

Various

Category / Program:

Local Aid / Local Roadway Improvements

Sponsor:

Union County

Total Cost FY 2003 -2005: (Million) \$2.700 **Unconstrained Information Years**

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|---------|------|------|------|------|
| ERC | STP-NJ | \$2.700 | | | | |
| | | \$2.700 | | | | |

NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

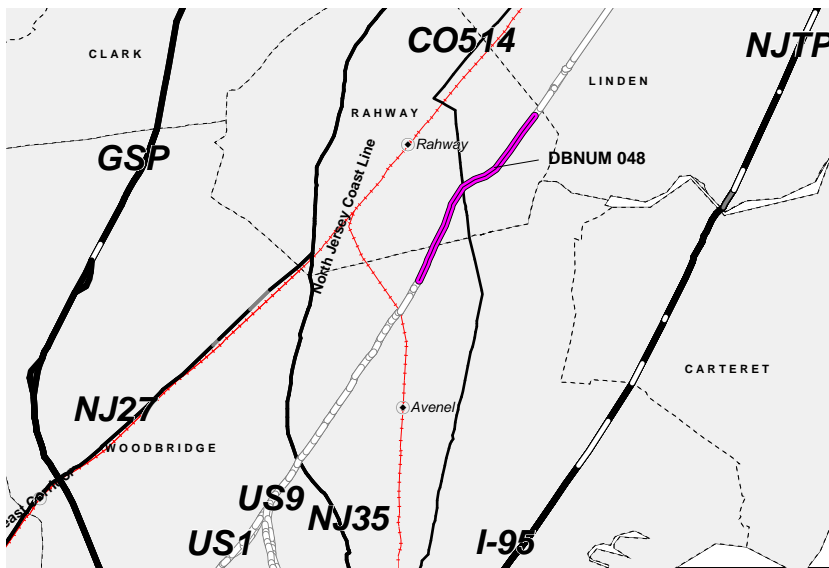
Routes: 1&9 **Section:** 1K 3M, Production Way to East Lincoln Avenue **Mileposts:** 37.99 - 39.74 **DBNUM:** 048

Production Way to East Lincoln Avenue, widening

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, 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.

The FY 2002 Federal Appropriations Act provides \$3.0 million from the Bridge Replacement and Rehabilitation Program for this project.



Counties:
Middlesex / Union

Municipalities:
Rahway City / Woodbridge Twp.

Category / Program:
Congestion Management / Bottleneck Widening

Sponsor:
NJDOT

Total Cost FY 2003 -2005: (Million) \$22.300 Unconstrained Information Years

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|------|---------|----------|------|------|
| CON | NHS | | \$5.000 | \$17.300 | | |
| | | | \$5.000 | \$17.300 | | |

NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

Routes: 1&9

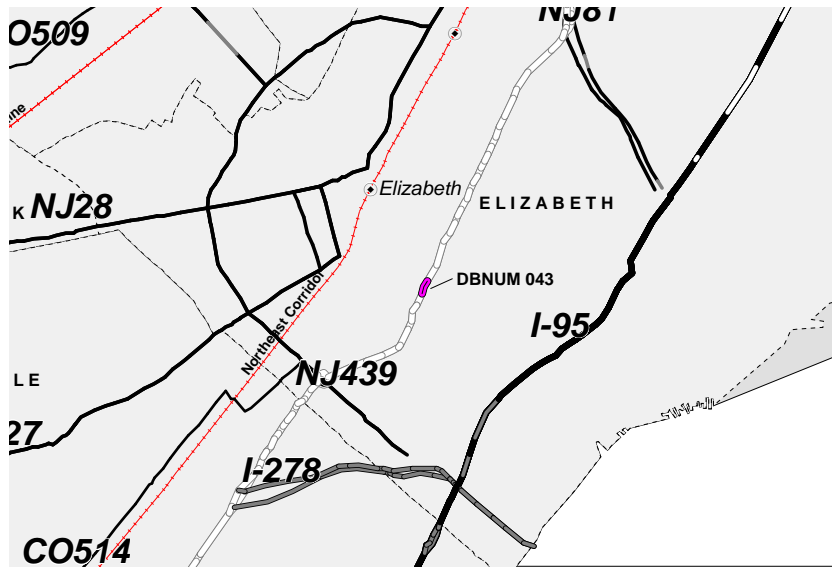
Section: 4T, Elizabeth River Bridge

Mileposts: 44.00

DBNUM: 043

Bridge over Elizabeth River, replacement

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.



Counties:
Union

Municipalities:
Elizabeth City

Category / Program:
Bridge Preservation / Bridge Rehab and Replacement

Sponsor:
NJDOT

Total Cost FY 2003 -2005: (Million) \$59.000 **Unconstrained Information Years**

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|------|----------|----------|------|------|
| CON | STATE | | \$35.000 | \$24.000 | | |
| | | | \$35.000 | \$24.000 | | |

NJTPA

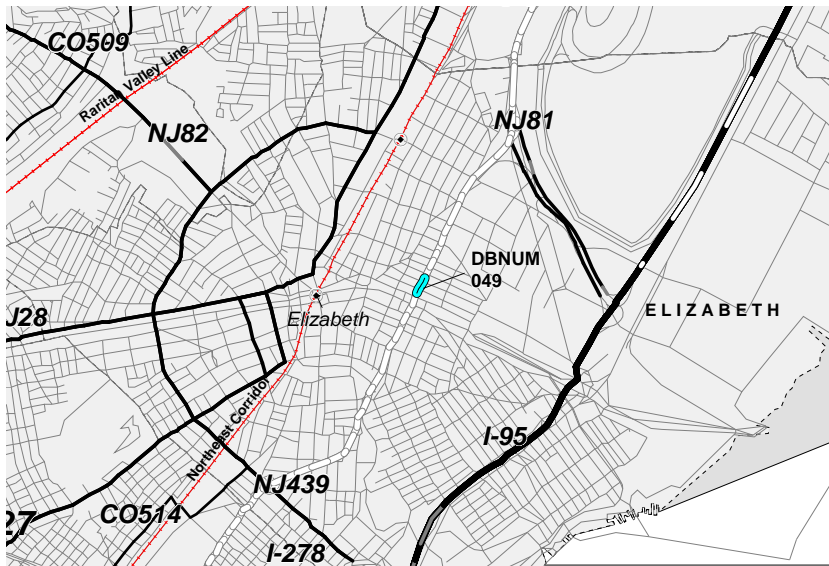
Transportation Improvement Program Fiscal Years 2003 - 2005

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 2003 -2005: (Million) \$3.000

Unconstrained Information Years

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|---------|---------|---------|---------|------|
| DES | BRIDGE | \$1.500 | | | | |
| ROW | BRIDGE | | \$.500 | | | |
| CON | BRIDGE | | | \$1.000 | | |
| CON | TBD | | | | \$9.450 | |
| | | \$1.500 | \$.500 | \$1.000 | | |

NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

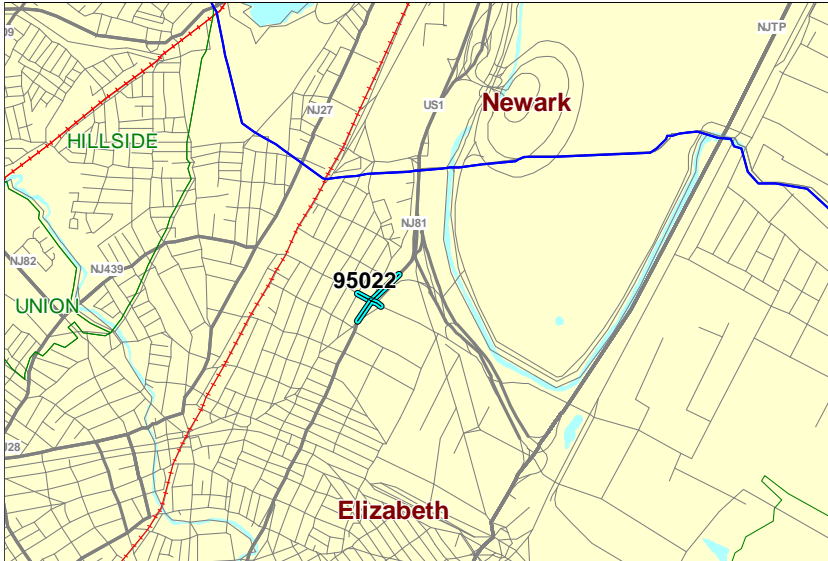
Routes: 1&9

Section: North Avenue

Mileposts: 45.20 - 45.60 **DBNUM:** 95022

Intersection at North Avenue, operational and safety improvements

A farside jughandle will be constructed in the northeast quadrant of the North Avenue intersection. The existing forward jughandle in the southeast quadrant will be modified and a deceleration lane will be constructed. The traffic signal timing for the intersection will be modified. The existing traffic signal at Louisa Street will be removed, the median opening on Route 1&9 will be closed, and a portion of the street between Route 1&9 and Meadow Street will be vacated. A new median opening and traffic signal will be constructed on Route 1&9 at Fairmount Avenue. Bicycles will not be accommodated on this project.



Counties:

Union

Municipalities:

Elizabeth City

Category / Program:

Safety / Safety Improvements

Sponsor:

NJDOT

Total Cost FY 2003 -2005: (Million) \$9.920 **Unconstrained Information Years**

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|---------|------|---------|------|------|
| ROW | STATE | \$2.920 | | | | |
| CON | STP-NJ | | | \$7.000 | | |
| | | \$2.920 | | \$7.000 | | |

NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

Routes: 1&9

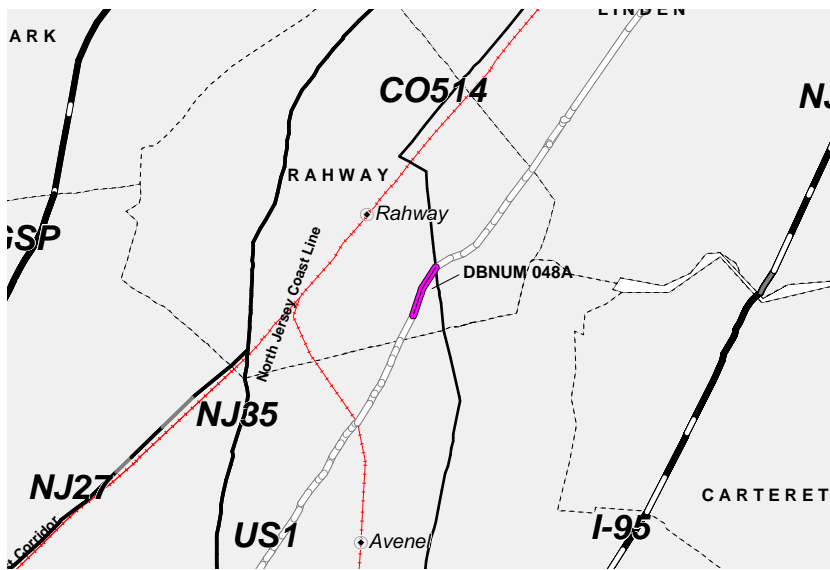
Section: Rahway River Bridge **Mileposts:** 38.68

DBNUM: 048A

New structure over the Rahway River

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.



Counties:

Union

Municipalities:

Rahway City

Category / Program:

Bridge Preservation / Bridge Rehab and Replacement

Sponsor:

NJDOT

Total Cost FY 2003 -2005: (Million) \$32.700 **Unconstrained Information Years**

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|-------------|---------|----------|------|------|------|
| CON | BRIDGE | | \$29.700 | | | |
| CON | BRIDGE DISC | \$3.000 | | | | |
| | | \$3.000 | \$29.700 | | | |

NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

Routes: 1&9

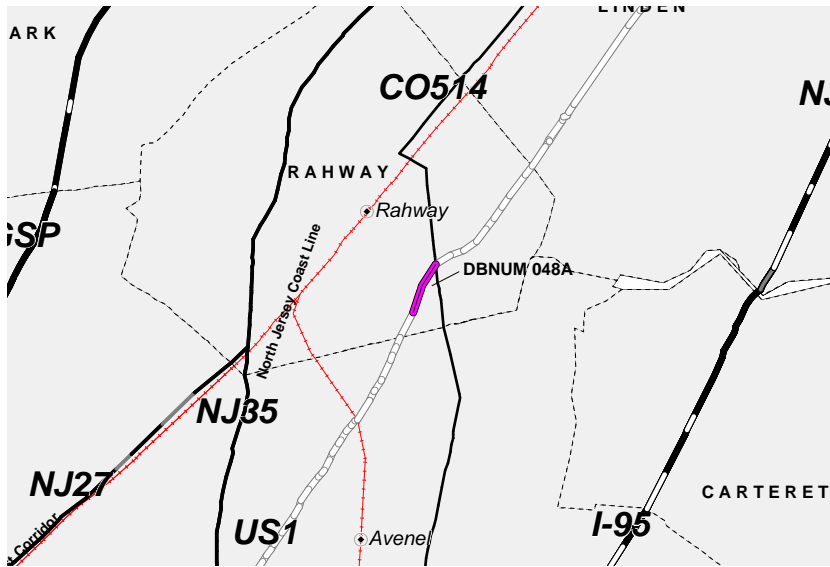
Section: Rahway River Bridge **Mileposts:** 38.68

DBNUM: 048A

New structure over the Rahway River

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.



Counties:

Union

Municipalities:

Rahway City

Category / Program:

Bridge Preservation / Bridge Rehab and Replacement

Sponsor:

NJDOT

Total Cost FY 2003 -2005: (Million) \$34.500 **Unconstrained Information Years**

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|-------------|---------|----------|------|------|------|
| CON | BRIDGE DISC | \$3.000 | \$31.500 | | | |
| | | \$3.000 | \$31.500 | | | |

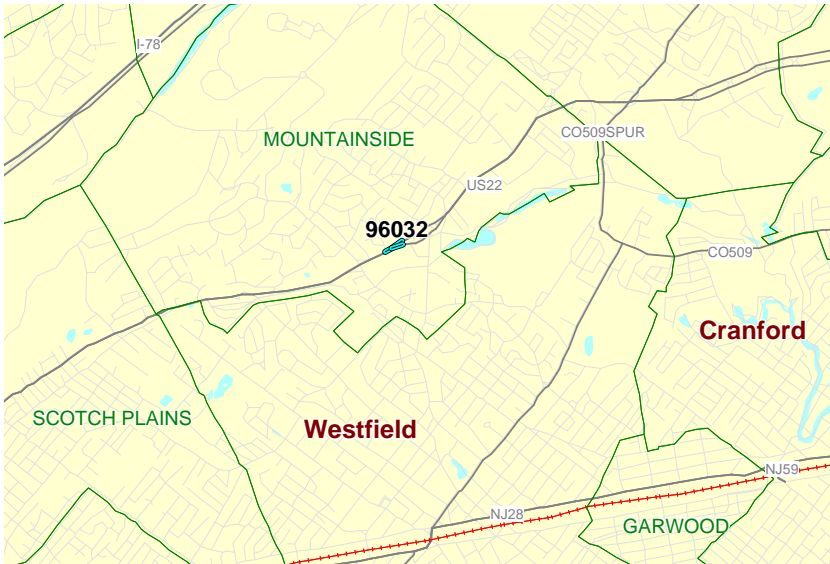
NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

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

Vicinity of Evergreen Court, drainage improvement

This project will provide drainage improvements that will address drainage problems, resulting in periodic flooding on eastbound Route 22 in the vicinity of Evergreen Court.



Counties:
Union

Municipalities:
Mountainside Boro

Category / Program:
Roadway Preservation / Drainage

Sponsor:
NJDOT

Total Cost FY 2003 -2005: (Million) \$0.950

Unconstrained Information Years

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|---------|---------|------|---------|------|
| DES | STP | \$0.450 | | | | |
| ROW | STP | | \$0.500 | | | |
| CON | TBD | | | | \$2.850 | |
| | | \$0.450 | \$0.500 | | | |

NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

Routes: 28 **Section:** Westfield Circle **Mileposts:** 19.55 - 19.84 **DBNUM:** 93228

West Broad Street to Prospect Street, safety and operational improvements

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.



Counties:

Union

Municipalities:

Westfield Town

Category / Program:

Congestion Management /
Hwy Operational
Improvements

Sponsor:

NJDOT

Total Cost FY 2003 -2005: (Million) \$2.630 **Unconstrained Information Years**

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|---------|---------|------|------|------|
| ROW | STP | \$.200 | | | | |
| CON | STATE | | \$2.430 | | | |
| | | \$.200 | \$2.430 | | | |

NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

Routes: 28 **Section:** Westfield Circle **Mileposts:** 19.55 - 19.84 **DBNUM:** 93228

West Broad Street to Prospect Street, safety and operational improvements

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.



Counties:

Union

Municipalities:

Westfield Town

Category / Program:

Congestion Management /
Hwy Operational
Improvements

Sponsor:

NJDOT

Total Cost FY 2003 -2005: (Million) \$2.660 **Unconstrained Information Years**

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|--------|---------|------|------|------|
| ROW | STP | \$.200 | | | | |
| CON | STP | | \$2.460 | | | |
| | | \$.200 | \$2.460 | | | |

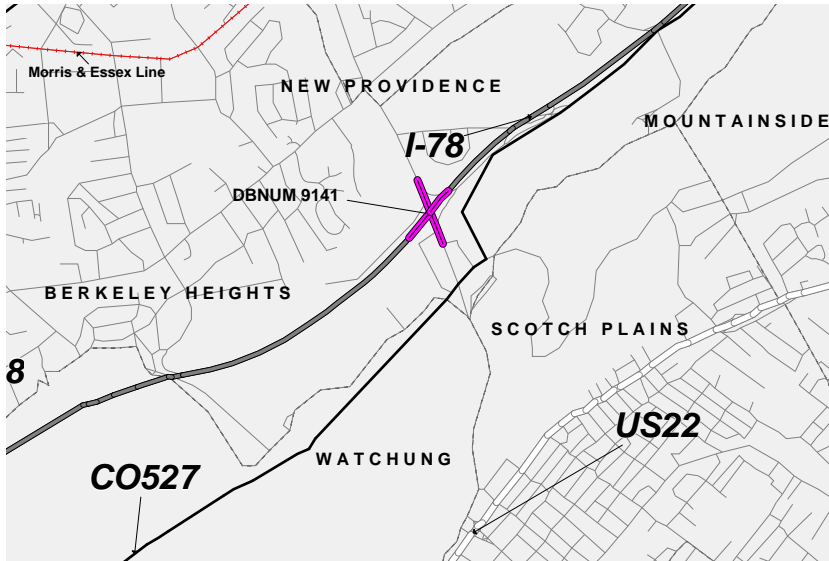
NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

Routes: 78 / CR 655 **Section:** Diamond Hill Road Interchange **Mileposts:** 44.00 **DBNUM:** 9141

Interchange improvements at CR 655 (Diamond Hill Road)

This project consists of two new movements and will require widening of the existing I-78 bridge to provide an acceleration lane for one of the ramps at the I-78 and Diamond Hill Road interchange. The movements will provide a ramp from westbound I-78 to southbound Diamond Hill Road and a ramp from Diamond Hill Road northbound to I-78 westbound. The acceleration lane on the bridge will be required for the movement from Diamond Hill Road northbound to I-78 westbound. The existing acceleration lane from Diamond Hill Road northbound to I-78 eastbound will be upgraded to current standards.



Counties:

Union

Municipalities:

Berkeley Heights Twp.

Category / Program:

Congestion Management /
Hwy Operational
Improvements

Sponsor:

NJDOT

Total Cost FY 2003 -2005: (Million) \$11.010 **Unconstrained Information Years**

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|---------|--------|------|----------|------|------|
| ROW | I-MAINT | \$.150 | | | | |
| CON | I-MAINT | | | \$10.860 | | |
| | | \$.150 | | \$10.860 | | |

NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

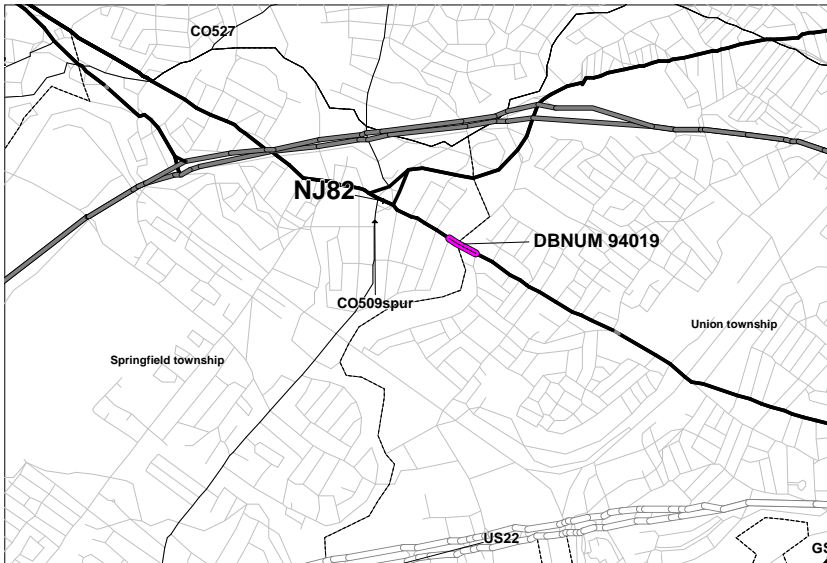
Routes: 82

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

DBNUM: 94019

Bridge over Rahway River, rehabilitation or replacement

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



Counties:

Union

Municipalities:

Springfield Twp.

Category / Program:

Bridge Preservation / Bridge Rehab and Replacement

Sponsor:

NJDOT

Total Cost FY 2003 -2005: (Million) \$3.000

Unconstrained Information Years

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|------|------|---------|------|------|
| CON | STATE | | | \$3.000 | | |
| | | | | \$3.000 | | |

NJTPA

Transportation Improvement Program Fiscal Years 2003 - 2005

Routes: 82

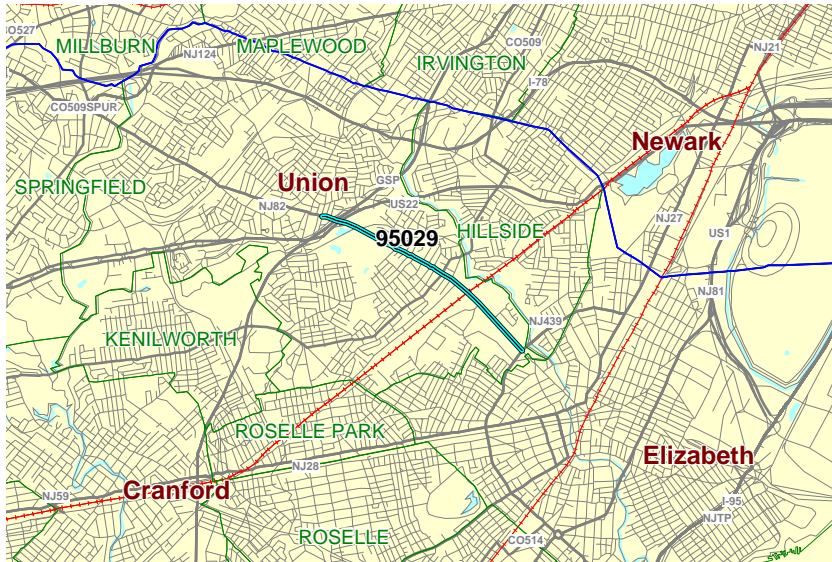
Section: Union County
Streetscape and
Intersection
Improvements

Mileposts: 2.30 - 5.00

DBNUM: 95029

Garden State Parkway to midtown Elizabeth, landscape, urban design, and intersection improvements

This project will provide for landscaping and urban design enhancements that may 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 2003 -2005: (Million) \$2.300 **Unconstrained Information Years**

| PHASE | SOURCE | 2003 | 2004 | 2005 | 2006 | 2007 |
|-------|--------|---------|---------|------|---------|------|
| DES | STP | \$1.000 | | | | |
| ROW | STP | | \$1.300 | | | |
| CON | TBD | | | | \$7.000 | |
| | | \$1.000 | \$1.300 | | | |