

NJTPA

Transportation Improvement Program Fiscal Years 2005 - 2007

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

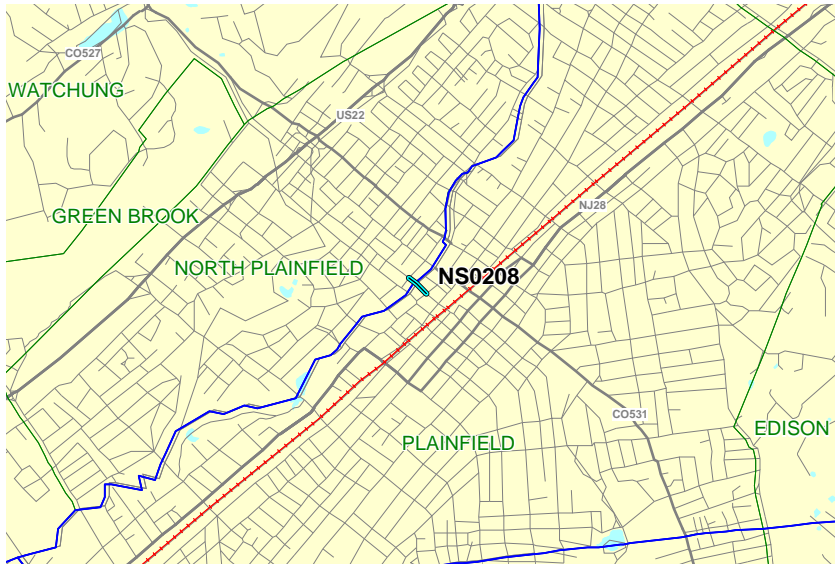
Total Cost FY 2005 -2007: (Million) \$0.750					Unconstrained Information Years	
PHASE	SOURCE	2005	2006	2007	2008	2009
ERC	DEMO	\$.750				
		\$.750				

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Transportation Improvement Program Fiscal Years 2005 - 2007

Routes: **Section:** Duer Street Bridge over Green Brook **Mileposts:** N/A **DBNUM:** NS0208

This project will investigate rehabilitation and replacement alternatives for this deteriorated structure.



Counties:
Somerset / Union

Municipalities:
North Plainfield Boro / Plainfield City

Category / Program:
Bridge Preservation / Local Bridges

Sponsor:
Somerset County

		Total Cost FY 2005 -2007: (Million) \$1.000			Unconstrained Information Years	
PHASE	SOURCE	2005	2006	2007	2008	2009
CON	STP-NJ		\$1.000			
			\$1.000			

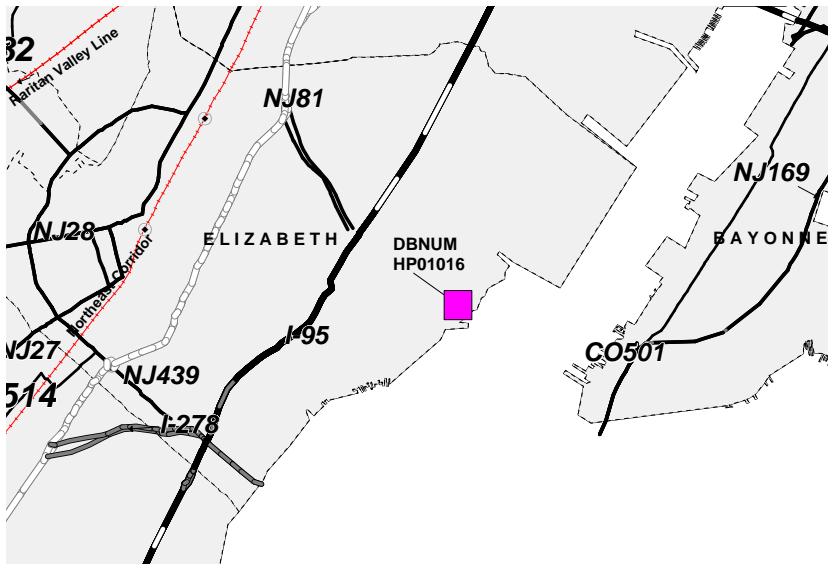
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Transportation Improvement Program Fiscal Years 2005 - 2007

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

Funding has been provided by the Federal Transit 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 2005 -2007: (Million) \$9.500			Unconstrained Information Years	
PHASE	SOURCE	2005	2006	2007	2008	2009
ERC	FERRY-FTA	\$9.500				
		\$9.500				

NJTPA

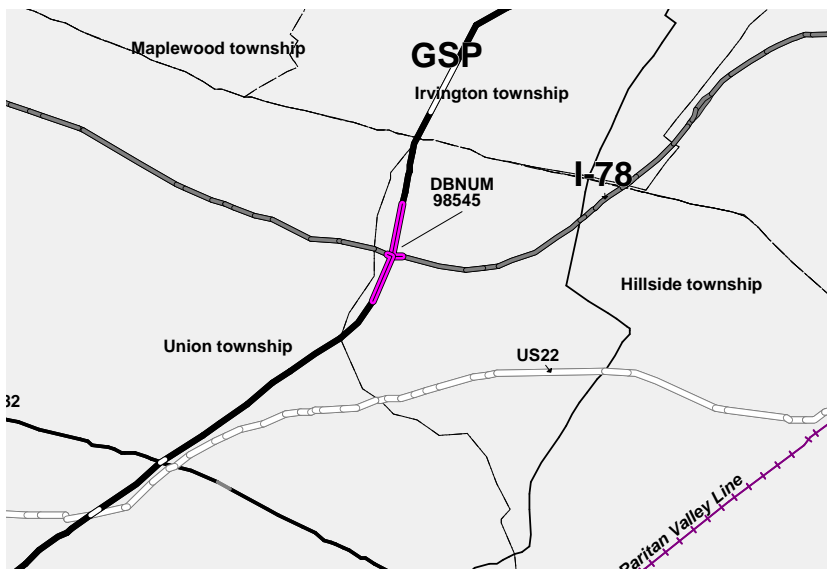
Transportation Improvement Program Fiscal Years 2005 - 2007

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. The total construction cost is anticipated to be \$72,590,000.



Counties:

Union / Essex

Municipalities:

Hillside Twp. / Irvington Twp. / Union Twp.

Category / Program:

Congestion Management / Hwy Operational Improvements

Sponsor:

NJ Hwy Authority

Total Cost FY 2005 -2007: (Million) \$36.175 Unconstrained Information Years

PHASE	SOURCE	2005	2006	2007	2008	2009
CON	DEMO			\$12.175		
CON	OTHER			\$24.000		
CON	TBD				\$36.415	
				\$36.175		

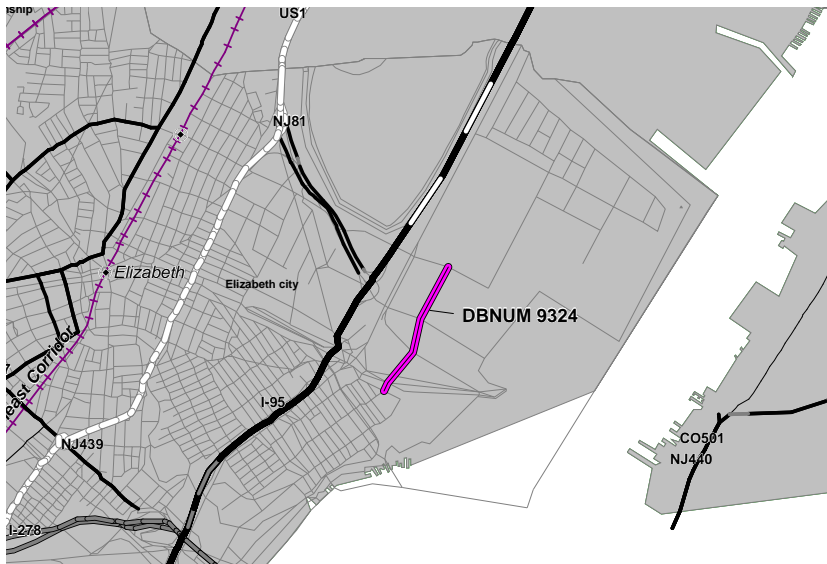
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Transportation Improvement Program Fiscal Years 2005 - 2007

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 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 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. Also, \$15 million in PANY&NJ funding has been provided for the Local Feasibility Study and subsequent work to be determined.



Counties:
Union

Municipalities:
Elizabeth City

Category / Program:
Strategic Mobility / Economic Development

Sponsor:
Union County

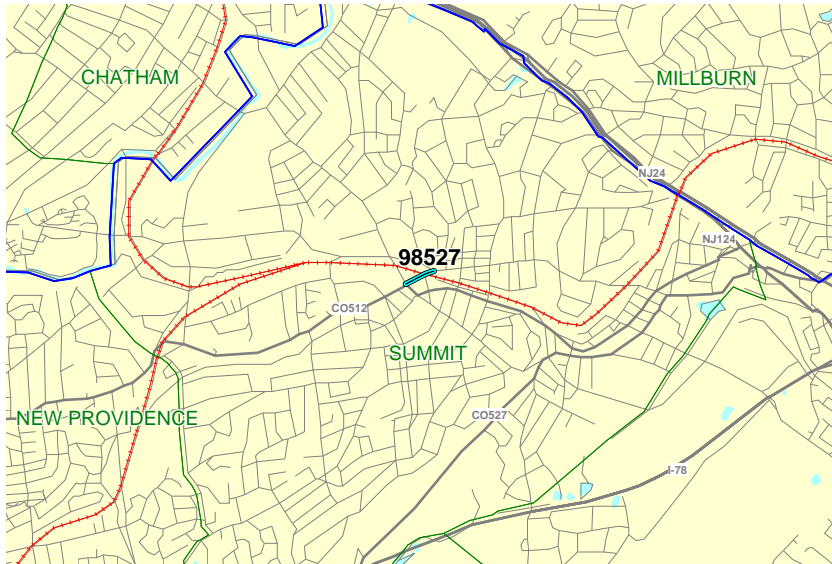
Total Cost FY 2005 -2007: (Million) \$0.010					Unconstrained Information Years	
PHASE	SOURCE	2005	2006	2007	2008	2009
LFA	STP-NJ	\$0.010				
		\$0.010				

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Transportation Improvement Program Fiscal Years 2005 - 2007

Routes: / CR 512 **Section:** Springfield Avenue Bridge over Morristown Line **Mileposts:** RR: 20.34 **DBNUM:** 98527

This project will provide for the replacement of the existing structure on essentially the same alignment. The new structure will carry two 12-foot travel lanes, two 3-foot shoulders, and two 6-foot shoulders. Roadway improvements would include modifying the Springfield Avenue profile to meet the vertical curve requirements. The roadway will be closed during construction, necessitating a detour route. This project complies with current bicycle/pedestrian compatible guidelines.



Counties:

Union

Municipalities:

Summit City

Category / Program:

Bridge Preservation / NJ TRANSIT Bridges

Sponsor:

NJDOT

Total Cost FY 2005 -2007: (Million) \$5.546 **Unconstrained Information Years**

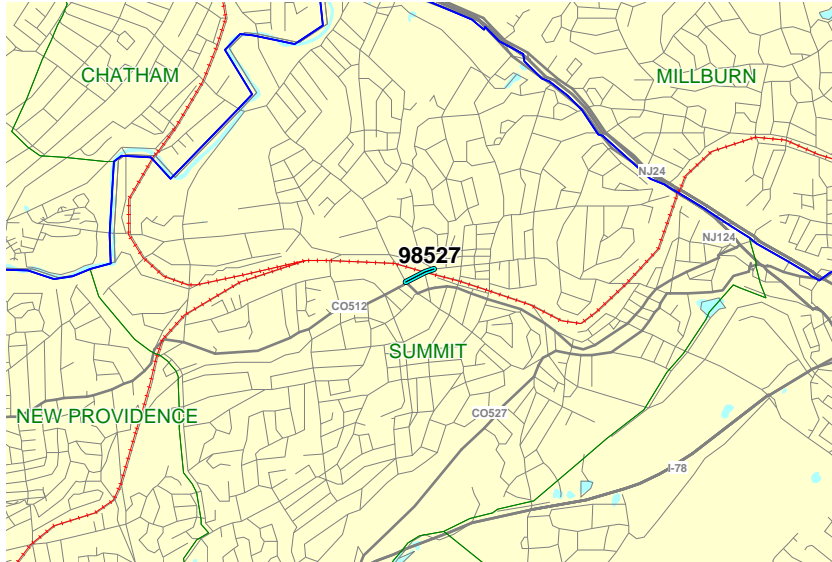
PHASE	SOURCE	2005	2006	2007	2008	2009
DES	BRIDGE	\$0.800				
ROW	BRIDGE	\$0.675				
CON	STATE		\$4.071			
		\$1.475	\$4.071			

NJTPA

Transportation Improvement Program Fiscal Years 2005 - 2007

Routes: / CR 512 **Section:** Springfield Avenue Bridge over Morristown Line **Mileposts:** RR: 20.34 **DBNUM:** 98527

This project will provide for the replacement of the existing structure on essentially the same alignment. The new structure will carry two 12-foot travel lanes, two 3-foot shoulders, and two 6-foot shoulders. Roadway improvements would include modifying the Springfield Avenue profile to meet the vertical curve requirements. The roadway will be closed during construction, necessitating a detour route. This project complies with current bicycle/pedestrian compatible guidelines.



Counties:
Union

Municipalities:
Summit City

Category / Program:
Bridge Preservation / NJ TRANSIT Bridges

Sponsor:
NJDOT

Total Cost FY 2005 -2007: (Million) \$5.546 **Unconstrained Information Years**

PHASE	SOURCE	2005	2006	2007	2008	2009
DES	STATE	\$0.800				
ROW	STATE	\$0.675				
CON	STATE		\$4.071			
		\$1.475	\$4.071			

NJTPA

Transportation Improvement Program Fiscal Years 2005 - 2007

Routes:	Section: Springfield Avenue Pedestrian Improvements, Summit	Mileposts: N/A	DBNUM: 01346
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The project will address pedestrian improvements on Springfield Avenue at the NJ TRANSIT overpass located between Argyle Court and Park Avenue.



Counties:
Union

Municipalities:
Summit City

Category / Program:
Intermodal Programs /
Bicycle/Pedestrian

Sponsor:
Summit City

Total Cost FY 2005 -2007: (Million) \$2.250 **Unconstrained Information Years**

PHASE	SOURCE	2005	2006	2007	2008	2009
DES	STP-NJ	\$.250				
ROW	STP-NJ		\$.150			
CON	STP-NJ			\$1.850		
		\$.250	\$.150	\$1.850		

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Transportation Improvement Program Fiscal Years 2005 - 2007

Routes: 1&9

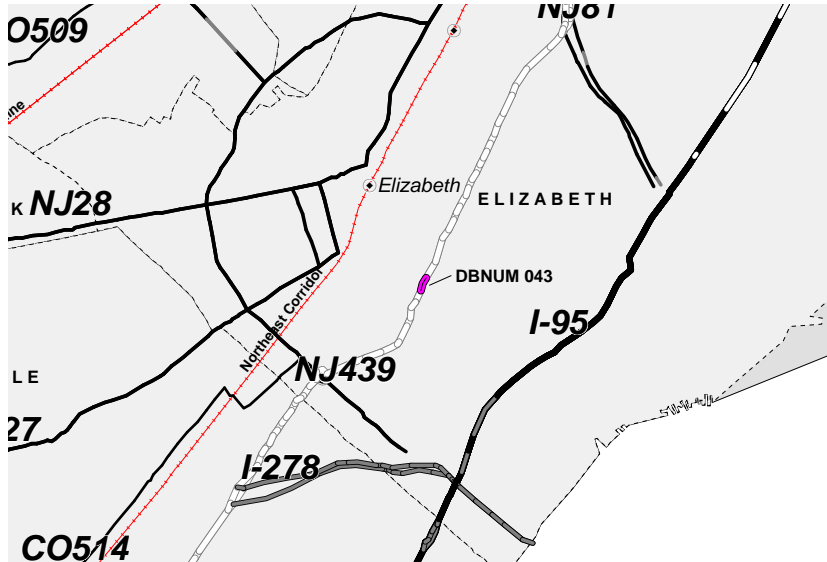
Section: Elizabeth River
Bridge (4T)

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. Total construction funding is \$64,535,000.



Counties:
Union

Municipalities:
Elizabeth City

Category / Program:
Bridge Preservation / Bridge
Rehab and Replacement

Sponsor:
NJDOT

Total Cost FY 2005 -2007: (Million) \$54.035 **Unconstrained Information Years**

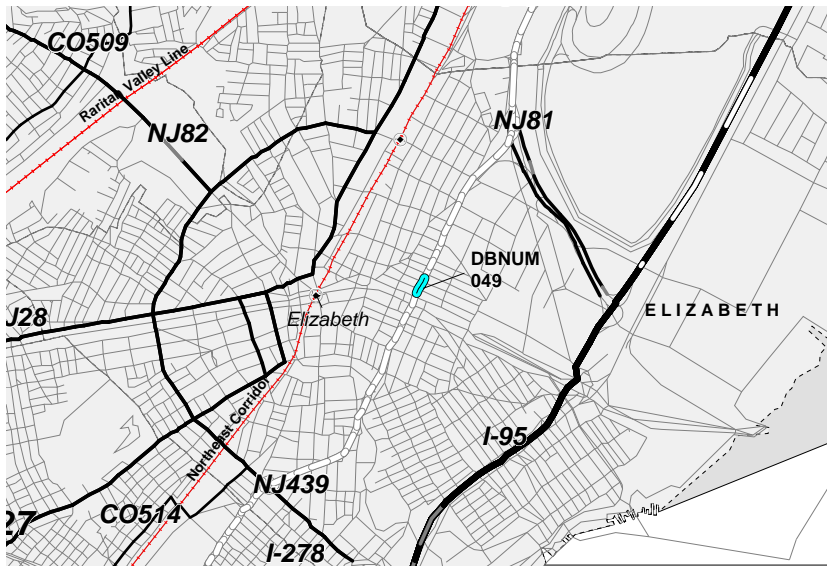
PHASE	SOURCE	2005	2006	2007	2008	2009
CON	STATE	\$34.675	\$19.360			
		\$34.675	\$19.360			

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Transportation Improvement Program Fiscal Years 2005 - 2007

Routes: 1&9 **Section:** Magnolia Avenue Bridge (6) **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 safety walk which is 1 1/2 feet wide 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 2005 -2007: (Million) \$7.388

Unconstrained Information Years

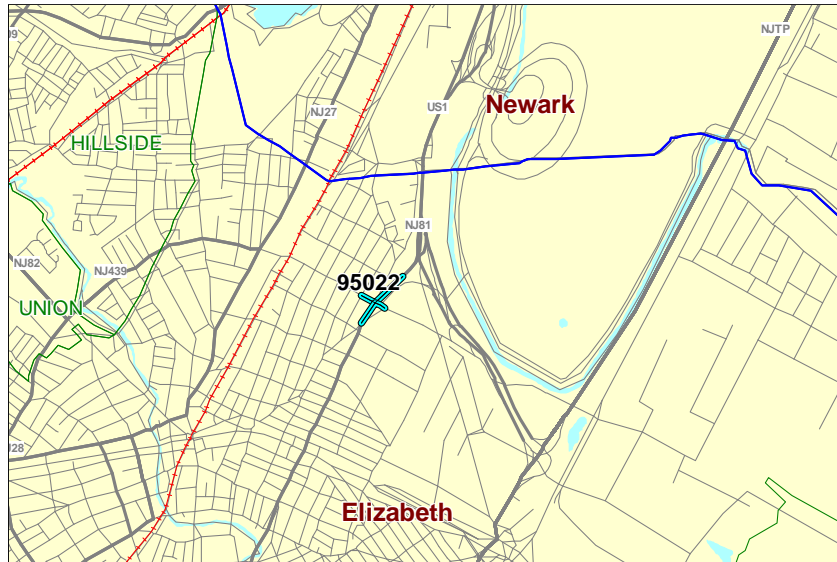
PHASE	SOURCE	2005	2006	2007	2008	2009
CON	STATE		\$7.388			
			\$7.388			

NJTPA

Transportation Improvement Program Fiscal Years 2005 - 2007

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

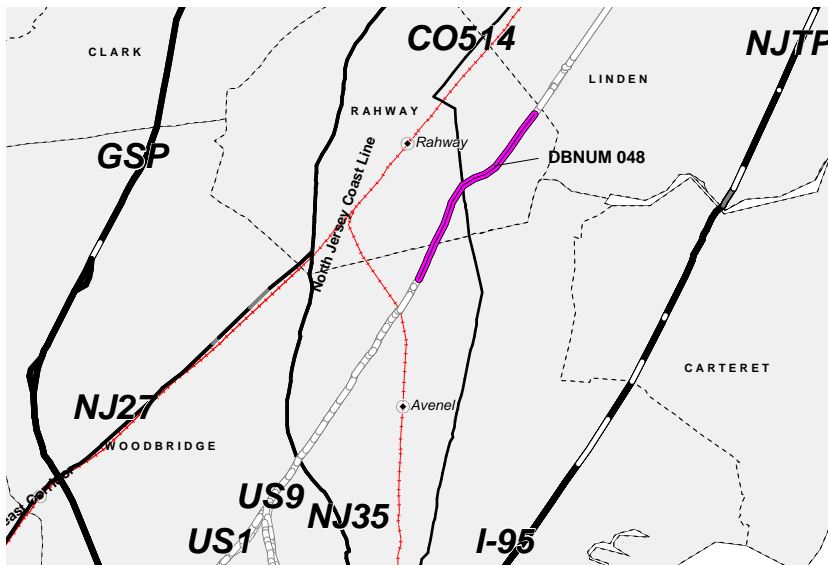
		Total Cost FY 2005 -2007: (Million) \$5.900			Unconstrained Information Years	
PHASE	SOURCE	2005	2006	2007	2008	2009
CON	STATE	\$5.900				
		\$5.900				

NJTPA Transportation Improvement Program Fiscal Years 2005 - 2007

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



Counties:
Middlesex / Union

Municipalities:
Rahway City / Woodbridge Twp.

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

Sponsor:
NJDOT

Total Cost FY 2005 -2007: (Million) \$29.500 **Unconstrained Information Years**

PHASE	SOURCE	2005	2006	2007	2008	2009
CON	NHS	\$12.300		\$17.200		
		\$12.300		\$17.200		

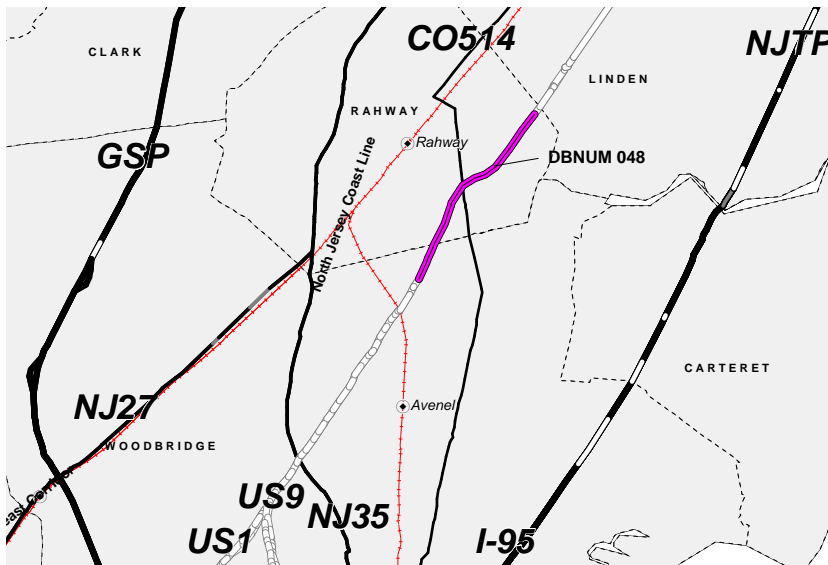
NJTPA

Transportation Improvement Program Fiscal Years 2005 - 2007

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



Counties:
Middlesex / Union

Municipalities:
Rahway City / Woodbridge Twp.

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

Sponsor:
NJDOT

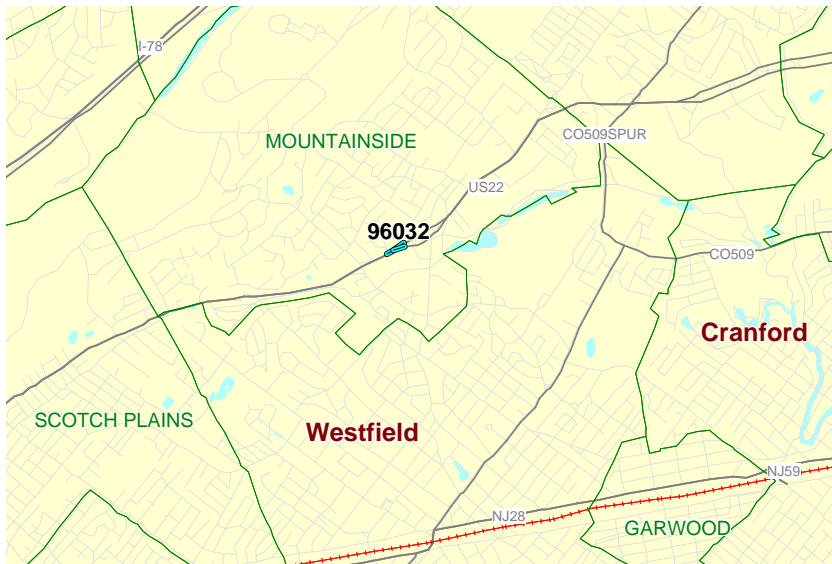
Total Cost FY 2005 -2007: (Million) \$23.700					Unconstrained Information Years	
PHASE	SOURCE	2005	2006	2007	2008	2009
CON	NHS	\$8.300	\$15.400			
		\$8.300	\$15.400			

NJTPA

Transportation Improvement Program Fiscal Years 2005 - 2007

Routes: 22 **Section:** Mountainside Boro, Drainage Improvements **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 2005 -2007: (Million) \$2.162 **Unconstrained Information Years**

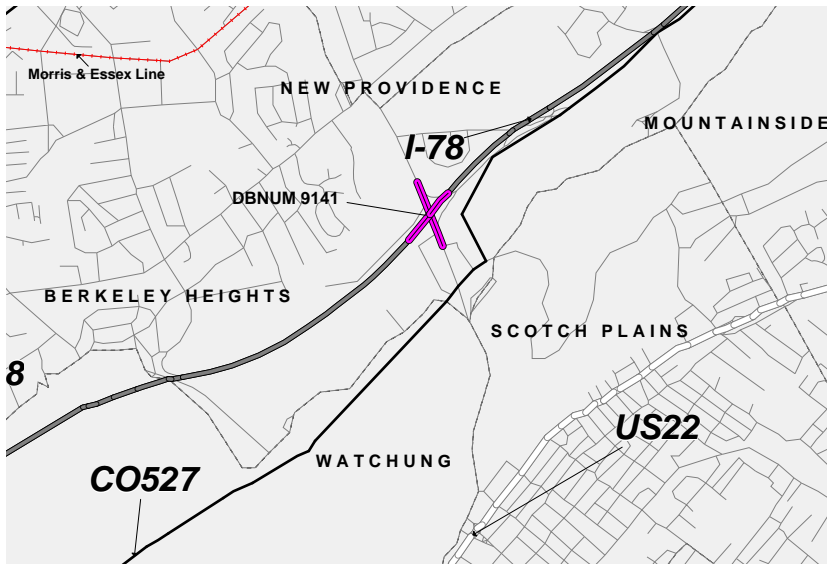
PHASE	SOURCE	2005	2006	2007	2008	2009
CON	NHS		\$2.162			
			\$2.162			

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Transportation Improvement Program Fiscal Years 2005 - 2007

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

This project will provide for interchange improvements to include the construction of a loop ramp, new underpass, upgrading acceleration lanes, construction of retaining walls and widening of the existing structure.



Counties:

Union

Municipalities:

Berkeley Heights Twp.

Category / Program:

Congestion Management /
Hwy Operational
Improvements

Sponsor:

NJDOT

Total Cost FY 2005 -2007: (Million) \$3.400 **Unconstrained Information Years**

PHASE	SOURCE	2005	2006	2007	2008	2009
DES	I-MAINT	\$3.200				
ROW	I-MAINT		\$.200			
CON	TBD				\$18.500	
		\$3.200	\$.200			

NJTPA

Transportation Improvement Program Fiscal Years 2005 - 2007

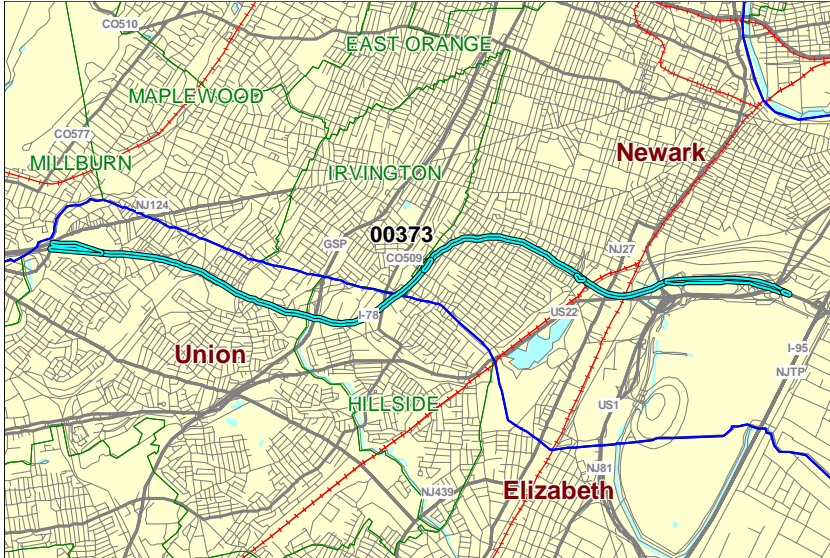
Routes: 78

Section: Union/Essex
Rehabilitation,
Springfield Avenue
to Route 1&9

Mileposts: 51.4 - 58.5

DBNUM: 00373

This project will provide preventive maintenance, reconstruction and safety improvements. Roadway pavement will be rehabilitated through pavement removal and replacement, concrete rubblization and bituminous overlay. Structure work is limited to bridge deck maintenance and repairs such as sealing of cracks and patching of spalls.



Counties:

Union / Essex

Municipalities:

Union Twp. / Hillside Twp. /
Irvington Twp. / Newark City

Category / Program:

Roadway Preservation / Hwy
Rehab and Recon

Sponsor:

NJDOT

Total Cost FY 2005 -2007: (Million) \$44.000 **Unconstrained Information Years**

PHASE	SOURCE	2005	2006	2007	2008	2009
DES	I-MAINT	\$2.000				
CON	I-MAINT		\$23.000	\$19.000		
		\$2.000	\$23.000	\$19.000		

NJTPA

Transportation Improvement Program Fiscal Years 2005 - 2007

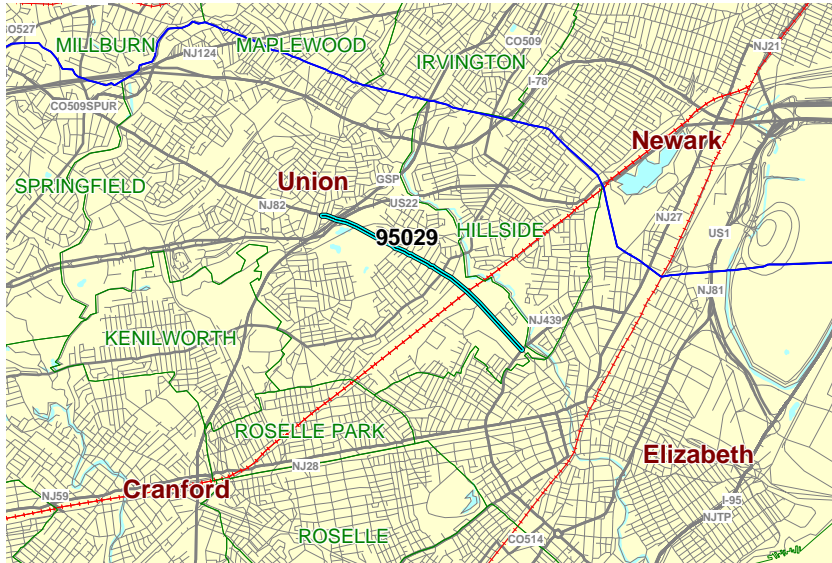
Routes: 82

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 2005 -2007: (Million) \$9.455 **Unconstrained Information Years**

PHASE	SOURCE	2005	2006	2007	2008	2009
CON	STATE		\$9.455			
			\$9.455			