

PARKWAYS; ROADS AND BRIDGES

The County road system was created to relieve municipalities of the burden of constructing and maintaining highways which carry traffic originating and ending across their boundaries. County roads also are secondary routes handling traffic between State roads.

In addition to maintaining approximately 200 miles of roadway and 200 bridges, the County Department of Public Works is also responsible for the roadway and bridges of the Bronx River Parkway - the only remaining parkway under County ownership. The major thrust of the current construction program is to provide safer traffic flow, access and drainage, retaining important natural features and historically significant structures and design concepts, and to accommodate existing and future recreation, housing or economic development.

The 2000 Capital Budget provides funding for the following projects:

- P0004 Bronx River Parkway Repaving Program
- P0010 Bronx River Parkway Signage

- RB01A Playland Parkway over Blind Brook, Rye
- RB2AA Fulton Avenue Bridge – Mech./Elec. Rehab., Mt. Vernon
- RB2BB Bridge Painting Program, Various Locations
- RB2CC Mamaroneck Ave. Bridge over Sheldrake River, Village of Mamaroneck
- RB2DD Crane Road Bridge over BR, Town of Greenburgh
- RB2GG Westchester Ave. Br. WB over Mamaroneck Riv., Harrison
- RB011 Mamaroneck Avenue, White Plains, Harrison, Mamaroneck
- RB013 Pelham Road and Echo Avenue, New Rochelle/Pelham Manor
- RB019 Central Westchester Parkway, White Plains & North Castle
- RB027 Halstead Avenue, Harrison
- RB041 Long Ridge Road, Bedford/Pound Ridge
- RB042 Bedford Banksville Road, Bedford/North Castle
- RB069 Broadway, North Castle
- RB085 Service Road Extension to Ridge Hill Road, Yonkers

Existing projects, approved in prior capital budgets, which require no additional funding in 2000 include:

Appropriated As Of August 31, 1999 (000's)

<u>Project</u>	<u>Total</u>	<u>Non-County Share</u>	<u>County</u>	<u>Status</u>
P0006 Bronx River Reservation Pond Rehab. & Bank Stabiliz.	625	-0-	625	In Design
P0007 Lower Portion BRP, Northbound Exit Ramp, Yonkers Ave.	500	-0-	500	In Design
P0008 Harney Road Bridge and Approach	5,150	100	5,050	Construction
P0011 Woodlands Viaduct, City of White Plains	16,000	11,900	4,100	Construction
P0012 BRP Gas Station Remediation Program	750	-0-	750	In Process
P0015 Bronx River Reservation Riverbank Stabilization	100	-0-	100	Study Complete
RB01E Albany Post Rd. over Annsville Creek, Cortlandt	650	-0-	650	In Design
RB02D BRP over BR, No. of Leewood Dr., Yon. & Eastchester	960	-0-	960	In Design
RB02E BRP over BR, So. of Leewood Dr., Yon. & Eastchester	665	-0-	665	In Design
RB02G Elm St. over Saw Mill River, Ardsley	450	-0-	450	Construction
RB02H Tuckahoe Road over Bronx River, Tuckahoe/Yonkers	140	-0-	140	Construction

PARKWAYS; ROADS AND BRIDGES

Appropriated As Of August 31, 1999 (000's)

<u>Project</u>	<u>Total</u>	<u>Non-County Share</u>	<u>County</u>	<u>Status</u>
RB02I Halstead Ave., over Mamaroneck River, Mamaroneck	850	-0-	850	In Design
RB02J East Main St. over Shrub Oak Brook, Yorktown	600	-0-	600	Construction
RB02K Battery Place over Hudson Div. R.R., Cruger Station, Cortlandt	440	-0-	440	On Hold
RB02M East Lincoln Avenue over Hutchinson River, Mt. Vernon, Pelham	660	-0-	660	Construction
RB02O Greenwich Road over Mianus River, Bedford	125	-0-	125	Construction
RB02P Palmer Road over Bronx River Parkway, Yonkers	220	-0-	220	Construction
RB02Q Midland Avenue over Bronx River, Yonkers	350	-0-	350	In Design
RB02R Broad Street Viaduct, Yonkers	850	-0-	850	In Design
RB02S Fenimore Road at R.R. Station, Scarsdale	130	-0-	130	Construction
RB02T Stone Hill Road over Cross River, Lewisboro	100	-0-	100	Complete
RB04L Yonkers Ave. over BRP and Bronx River, Yonkers	1,157	337	820	Construction
RB4PP Pondfield Road West over BR, Yonkers/Bronxville	200	-0-	200	Construction
RB4UU Albany Post Rd over Pskll Hollow Brk, Cortlandt	1,275	-0-	1,275	In Design
RB4VV Sanford Blvd. Exten. over HR, Mount Vernon	480	-0-	480	Construction
RB006 New York State Local Bridge Program Phase II	3,000	2,400	600	Partially Complete
RB012 Westchester Ave. E-WB, Betwn. White Plains Ave. & Purchase St.	600	-0-	600	In Design
RB014 Traffic Signal System Rehabilitation, Various Locations	250	237	13	In Design
RB015 County Road Rehabilitation Program	1,950	-0-	1,950	In Design
RB025 Tuckahoe Road, Yonkers	1,730	730	1,000	Design 4 th Quarter
RB026 Anderson Hill Road, Harrison & Rye	1,000	-0-	1,000	In Design
RB029 East Main Street, Shrub Oak	2,500	-0-	2,500	Construction
RB050 MTA Suburban Transportation Fund	41,840	40,840	1,000	Partially Complete
RB064 Polly Park Road, Harrison/Port Chester/Rye Brook	2,650	-0-	2,650	Construction
RB068 North State Road, Briarcliff/Ossining/New Castle	2,500	-0-	2,500	Construction
RB070 Central Park Avenue, Yonkers	3,000	-0-	3,000	Construction
RB081 Pea Pond Road, Bedford	1,500	-0-	1,500	Construction
<u>1999 Closeouts</u>				
P0002 Bronx River Parkway Lighting System/Roadway Reflector Systems	2,595	-0-	2,595	
RB02A Warburton Ave. Bridge over Rowley's Brook, Hastings-on-Hudson	850	-0-	850	
RB02B Midland Ave. Bridge over BRP, Yonkers	1,500	-0-	1,500	
RB02N Access to BRP Northbound over Bronx River, Mt. Vernon	800	-0-	800	
RB04W Glen Island Bridge over New Rochelle Harbor, New Rochelle	4,300	-0-	4,300	
RB4AA Bronx River Parkway, Northbound over Bronx River (North of Harney Road)	380	-0-	380	
RB4SS Fenimore Road over BR, Greenburgh/Scarsdale	400	-0-	400	
RB066 Washington Avenue, Pleasantville	800	-0-	800	
RB071 Scarsdale Road over Bronx River, Tuckahoe	500	-0-	500	

**PUBLIC WORKS
BRONX RIVER PARKWAY REPAVING PROGRAM (P0004)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	8,470	1,720	1,000	1,750	2,000	2,000		
Less non-County Shares								
Net	8,470	1,720	1,000	1,750	2,000	2,000		

Project Description:

This phased project consists of resurfacing of the Bronx River Parkway asphalt roadway from the Sprain Brook Parkway north to the Kensico Dam Plaza, including drainage improvements in low-lying areas on the upper portion of the Reservation and replacing and installation of the center line guide rail.

	<u>1999 and Prior</u>	<u>2000</u>	<u>Total</u>
	<u>Appropriation</u>	<u>Appropriation</u>	<u>Cumulative</u>
			<u>Appropriation</u>

Financing Plan:

Non-County Bonds and/or Notes	1,200,000	1,000,000	2,200,000
Cash	<u>520,000</u>	<u> </u>	<u>520,000</u>
Gross Appropriation	1,720,000	1,000,000	2,720,000

**PUBLIC WORKS
BRONX RIVER PARKWAY SIGNAGE (P0010)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	1,270	270	500	500				
Less non-County Shares								
Net	1,270	270	500	500				

Project Description:

The project consists of replacing the existing signage on the Bronx River Parkway. The replacing of the signs would conform to current New York State DOT guidelines.

	<u>1999 and Prior</u>	<u>2000</u>	<u>Total</u>
	<u>Appropriation</u>	<u>Appropriation</u>	<u>Cumulative</u>
			<u>Appropriation</u>

Financing Plan:

Non-County Bonds and/or Notes	270,000	500,000	770,000
Cash	<hr/>	<hr/>	<hr/>
Gross Appropriation	270,000	500,000	770,000

**PUBLIC WORKS
PLAYLAND PARKWAY OVER BLIND BROOK, RYE (RB01A)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	1,300	150	1,150					
Less non-County Shares								
Net	1,300	150	1,150					

Project Description:

The project consists of replacement of the bridge superstructure at Playland Parkway over Blind Brook, Rye. The abutments, which incorporate stone trim, will be saved and repaired/repointed as necessary. In order to work in the streambed and to protect the bridge from future scouring action, silt removal and erosion control will also be components of the project. The railing on the new superstructure will be both higher, to meet state specifications, and more open, permitting views from the roadway of the stream and adjacent wetlands.

This structure has a 1997 NYS bridge condition rating of 4.491, indicating that structural repairs are necessary.

	<u>1999 and Prior Appropriation</u>	<u>2000 Appropriation</u>	<u>Total Cumulative Appropriation</u>
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Financing Plan:

Non-County Bonds and/or Notes Cash	150,000	1,150,000	1,300,000
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Gross Appropriation	150,000	1,150,000	1,300,000

**PUBLIC WORKS
FULTON AVENUE BRIDGE, MECHANICAL/ELECTRICAL
REHABILITATION, MOUNT VERNON (RB2AA)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	1,350	350	1,000					
Less non-County Shares								
Net	1,350	350	1,000					

Project Description:

A study was undertaken in 1994 by Bergman Associates to rehabilitate the mechanical and electrical systems of the Bascule Bridge. This project proposes to replace deteriorated equipment and to maintain service for the waterway as required by the Coast Guard.

The 2000 appropriation will replace the gear drives/ reducers, shaft bearings, roller bearings, and install a new control system and drive motors.

The bridge has a 1997 NYS Bridge Rating of 5.149, indicating that structural repairs are necessary.

	<u>1999 and Prior Appropriation</u>	<u>2000 Appropriation</u>	<u>Total Cumulative Appropriation</u>
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Financing Plan:

Non-County Bonds and/or Notes Cash	350,000	1,000,000	1,350,000
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Gross Appropriation	350,000	1,000,000	1,350,000

PUBLIC WORKS BRIDGE PAINTING PROGRAM (RB2BB)

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	185	155	30					
Less non-County Shares								
Net	185	155	30					

Project Description:

This project will fund the removal of lead paint and repainting of the steel bridges at the following locations:

- Phase I:
- Fulton Avenue over Eastchester Creek – Mt. Vernon
 - Halstead Avenue over Mamaroneck River – Mamaroneck
 - Lincoln Avenue over Blind Brook – Harrison
 - Green Acres Avenue over Bronx River Parkway – Scarsdale
 - Fenimore Road over Bronx River Parkway – Scarsdale
 - Saxon woods entrance road over Mamaroneck River – White Plains
 - Asford Avenue over I-87, Saw Mill River Parkway, and Metro-North Railroad – Dobbs Ferry
 - Access Ramp to Saw Mill River Parkway Northbound – Dobbs Ferry

- Phase II:
- Midland Avenue over Bronx River Parkway
 - Croton Gorge Park Entrance over Croton River
 - Glen Island Approach over New Rochelle Harbor
 - Sherwood Avenue over Bronx River Parkway

- Phase III: Lead abatement and painting of additional bridges; to be determined in conjunction with NYSDOT.

The County entered into an inter-municipal agreement with New York State (Department of Transportation) to facilitate this program beginning in 1997 for four years. The appropriation has been modified to reflect that the State will fund up to 80% of the project. The State will design, bid, and supervise the program.

	<u>1999 and Prior Appropriation</u>	<u>2000 Appropriation</u>	<u>Total Cumulative Appropriation</u>
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Financing Plan:

Non-County Bonds and/or Notes

Cash	<u>155,000</u>	<u>30,000</u>	<u>185,000</u>
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Gross Appropriation	155,000	30,000	185,000
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**PUBLIC WORKS
MAMARONECK AVE. BRIDGE OVER SHELDRAKE RIVER
MAMARONECK (RB2CC)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	1,800		200	1,600				
Less non-County Shares								
Net	1,800		200	1,600				

Project Description:

This project is to fund the replacement of the existing bridge structure at Mamaroneck Avenue over Sheldrake River, Mamaroneck. The 2000 appropriation will fund design.

The structure has a 1996 New York State bridge rating of 3.877 indicating a need to replace the structure.

**2000
Appropriation**

Financing Plan:

Non-County Bonds and/or Notes	200,000
Cash	_____
Gross Appropriation	200,000

PUBLIC WORKS
CRANE ROAD OVER BRONX RIVER, GREENBURGH (RB2DD)

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	800		800					
Less non-County Shares								
Net	800		800					

Project Description:

This project is to rehabilitate the bridge at Crane Road over the Bronx River, Greenburgh. The project consists of repairs to the concrete portions of the bridge, including the expansion joints, waterproofing and a new wearing surface.

The structure has a 1997 NYS bridge condition rating of 4.553, indicating that repairs are necessary.

2000
Appropriation

Financing Plan:

Non-County Bonds and/or Notes	720,000
Cash	<u>80,000</u>
Gross Appropriation	800,000

**PUBLIC WORKS
WESTCHESTER AVENUE BRIDGE, WESTBOUND OVER
MAMARONECK RIVER, HARRISON (RB2GG)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	350		350					
Less non-County Shares								
Net	350		350					

Project Description:

This project proposes bridge repairs to the concrete deck and waterproofing.

The State DOT rated this structure 4.902 indicating that structural repairs are necessary.

**2000
Appropriation**

Financing Plan:

Non-County Bonds and/or Notes	300,000
Cash	<u>50,000</u>
Gross Appropriation	350,000

**PUBLIC WORKS
 PELHAM ROAD AND ECHO AVENUE, NEW ROCHELLE/
 PELHAM MANOR (RB013)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	1,400	200	1,200					
Less non-County Shares								
Net	1,400	200	1,200					

Project Description:

The project will fund the rehabilitation of 2.2 miles of roadway including wearing surface, drainage, and lighting repairs as required.

The existing 40' wide, 4 lane roadway, originally constructed of concrete in 1927 and last resurfaced in 1964, requires a new 3" asphalt concrete overlay. Other pertinent work includes adjusting street hardware to the new grade and applying new pavement delineation.

	<u>1999 and Prior</u>	<u>2000</u>	<u>Total</u>
	<u>Appropriation</u>	<u>Appropriation</u>	<u>Cumulative</u>
			<u>Appropriation</u>

Financing Plan:

Non-County Bonds and/or Notes	200,000	1,200,000	1,400,000
Cash	_____	_____	_____
Gross Appropriation	200,000	1,200,000	1,400,000

**PUBLIC WORKS
COUNTY ROAD REHABILITATION PROGRAM (RB015)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	2,600	1,950	650					
Less non-County Shares								
Net	2,600	1,950	650					

Project Description:

This project addresses the rehabilitation of approximately thirteen (13) County roads damage by the severe winter of 1995/96.

The 2000 appropriation represents an addition by the Board of Legislators needed to accomplish a rehabilitation of the North Ridge Street in Rye Brook.

	<u>1999 and Prior</u>	<u>2000</u>	<u>Total</u>
	<u>Appropriation</u>	<u>Appropriation</u>	<u>Cumulative</u>
			<u>Appropriation</u>

Financing Plan:

Non-County Bonds and/or Notes	1,950,000	650,000	2,600,000
Cash	_____	_____	_____
Gross Appropriation	1,950,000	650,000	2,600,000

**PUBLIC WORKS
CENTRAL WESTCHESTER PARKWAY, WHITE PLAINS/
NORTH CASTLE (RB019)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	2,000	600	1,400					
Less non-County Shares								
Net	2,000	600	1,400					

Project Description:

The project is a two-phase project that extends from Grant Street to Route 22.

Phase I work includes widening the shoulder on the west side of the roadway, drainage improvements, installation of guiderail, curbing and pavement markings.

Phase II work includes widening of the shoulder on the east side of the roadway, drainage improvements, installation of guiderail and center median barrier, resurfacing, and relocation of a pedestrian bridge.

	<u>1999 and Prior</u>	<u>2000</u>	<u>Total</u>
	<u>Appropriation</u>	<u>Appropriation</u>	<u>Cumulative</u>
			<u>Appropriation</u>

Financing Plan:

Non-County Bonds and/or Notes	600,000	1,400,000	2,000,000
Cash	_____	_____	_____
Gross Appropriation	600,000	1,400,000	2,000,000

**PUBLIC WORKS
HALSTEAD AVE, HARRISON (RB027)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	2,000		200	1,800				
Less non-County Shares								
Net	2,000		200	1,800				

Project Description:

This project proposes pavement repairs and resurfacing of 1.9 miles of roadway, including traffic control devices. The project extends from Hunter Street (Harrison) to North Street (Rye).

The 2000 appropriation is for design with construction in 2001.

**2000
Appropriation**

Financing Plan:

Non-County Bonds and/or Notes	200,000
Cash	<hr style="width: 100px; margin-left: auto; margin-right: 0;"/>
Gross Appropriation	200,000

PUBLIC WORKS
LONG RIDGE ROAD, BEDFORD/POUND RIDGE (RB041)

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	3,500		500	3,000				
Less non-County Shares	1,860			1,860				
Net	1,640		500	1,140				

Project Description:

This project involves the reconstruction of 3.53 miles of roadway from Pound Ridge Road (Route172) to the Connecticut line. The work consists of resurfacing, drainage, reflectorized pavement markers and shoulder repairs. The project will receive Federal and State funding.

The 2000 appropriation will fund design of this project.

2000
Appropriation

Financing Plan:

Non-County Bonds and/or Notes	500,000
Cash	_____
Gross Appropriation	500,000

PUBLIC WORKS
BEDFORD BANKSVILLE ROAD, BEDFORD/NORTH CASTLE (RB042)

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	3,600		500		3,100			
Less non-County Shares	1,710				1,710			
Net	1,890		500		1,390			

Project Description:

This project involves the reconstruction of 3.63 miles of roadway from Mill Brook Road to the Connecticut border. Work will consist of resurfacing, drainage, reflectorized pavement markings and shoulder repairs. The project will receive Federal and State funding on this project.

The 2000 appropriation will fund design of this project.

2000 Appropriation

Financing Plan:

Non-County Bonds and/or Notes		500,000
Cash		_____
Gross Appropriation		500,000

**PUBLIC WORKS
BROADWAY, NORTH CASTLE (RB069)**

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	2,000	250	1,750					
Less non-County Shares	1,495		1,495					
Net	505	250	255					

Project Description:

The project involves the reconstruction of approximately 0.4 miles of road from Route 22 to Kensico Dam Plaza. The scope of work includes installation of paved shoulders, concrete curbing, rebuilding the existing sidewalk, drainage system of catch basins and manholes, lighting repairs, safety improvements and resurfacing.

The project has received funding support from Federal and State sources totaling \$1.49 million dollars.

	<u>1999 and Prior</u>	<u>2000</u>	<u>Total</u>
	<u>Appropriation</u>	<u>Appropriation</u>	<u>Cumulative</u>
			<u>Appropriation</u>

Financing Plan:

Non-County Bonds and/or Notes		1,495,000	1,495,000
Cash	250,000	255,000	505,000
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Gross Appropriation	250,000	1,750,000	2,000,000

PUBLIC WORKS
SERVICE ROAD EXTENSION TO RIDGE HILL ROAD, YONKERS (RB085)

FIVE YEAR CAPITAL PROGRAM (in thousands)

	Estimated							
	Ultimate	Approp-						Under
	Total Cost	riated	2000	2001	2002	2003	2004	Review
Gross	1,050		100	950				
Less non-County Shares								
Net	1,050		100	950				

Project Description:

This project involves a 0.5 mile extension of the service road at the County's Material Recovery Facility (MRF) from the Austin Avenue interchange to connect with Ridge Hill. Necessary improvements to the existing Recycling Facility Roadway and to exit ramps and traffic signals at Interchange 6A of the Thruway will be made.

The 2000 appropriation will fund the design of this project.

2000
Appropriation

Financing Plan:

Non-County Bonds and/or Notes	100,000
Cash	<hr/>
Gross Appropriation	100,000