

# Westchester County 2014 Capital Projects (Part I)



# **Westchester County 2014 Capital Projects**

**County Clerk**

# BCC05 – County Clerk Licensing Systems Upgrade

This project upgrades the technology systems supporting the Licensing Division of the Westchester County Clerk. This division oversees the licensing of plumbers and electricians, the processing of pistol permits, the acceptance of passport applications, the naturalization of our newest citizens and the issuance of county identification badges.

- ✓ Improves internal workflow procedures
- ✓ Eliminates duplicative data collection tasks
- ✓ Automates processing procedures
- ✓ Decrease labor intensity and error
- ✓ Improves accessibility of information



■ <b>Ultimate Project Cost:</b>	<b>\$</b>	<b>400,000</b>
■ <b>Appropriated:</b>	<b>\$</b>	<b>225,000</b>
■ <b>2014 Project Request:</b>	<b>\$</b>	<b>175,000</b>

# **Westchester County 2014 Capital Projects**

**District Attorney**

# BDA01 Information Technology

- **Multi-year program of information technology improvements at the District Attorney's Office**

- Each year's request will fund the purchase and upgrade of IT equipment, software and systems supporting all of the District Attorney's offices throughout the County as well as a plan for disaster recovery.
- Information Technology upgrades

■ <b>Ultimate Project Cost:</b>	\$	<b>1,696,000</b>
■ <b>Appropriated:</b>	\$	<b>0</b>
■ <b>2014 Project Request:</b>	\$	<b>453,000</b>



# Westchester County 2014 Capital Projects

## Correction

# BCR 5C – Infrastructure Improvements (2011 – 2015)

A continuing multi-year cycle of infrastructure improvements at the correctional complex

- ✓ 2014 request will fund exterior and interior repairs and improvement to fire safety systems, plumbing, HVAC, security fencing and electrical systems.
- ✓ Legislative District 3

■ <b>Ultimate Project Cost:</b>	<b>\$ 3,750,000</b>
■ <b>Appropriated:</b>	<b>\$ 2,250,000</b>
■ <b>2014 Project Request:</b>	<b>\$ 750,000</b>



# BCR 50 – Infirmary /Suicide Prevention Area

This project will replace the present "infirmary" located at the Westchester County Correction facility. It will also create a new staff efficient suicide prevention watch area.

- ✓ Legislative District 3
- ✓ 2014 request will fund construction

- **Ultimate Project Cost:**    \$ 5,200,000
- **Appropriated:**                \$     600,000
- **2014 Project Request:**    \$ 4,600,000



# **Westchester County 2014 Capital Projects**

## **Public Safety**

# BPS22 – Heavy Equipment

- This project requests funding for the purchase of specialized vehicular equipment and for major overhauls and required inspections for two helicopters

➤ 2014 request funds a new response vehicle that is required to maintain our current FEMA Type I Standard for two fully functioning response teams to be operational at any one time

- **Ultimate Project Cost: \$ 950,000**
- **Appropriated \$ 0**
- **2014 Project Request \$ 350,000**



Hazardous Devices Unit Response Vehicle

# BPS23 Vehicle Acquisition & Replacement

This project will provide funding for the acquisition and replacement of public safety vehicles on a timely basis, based on mileage and operational condition

- 2014 request will fund the purchase of 23 replacement vehicles: 15 patrol, 5 detective, 2 canine; and 1 cargo van, plus accessory equipment



Patrol Vehicle

▪ Ultimate Project Cost:	\$ 4,831,000
▪ Appropriated	\$ 0
▪ 2014 Project Request	\$ 896,000

# Westchester County 2014 Capital Projects

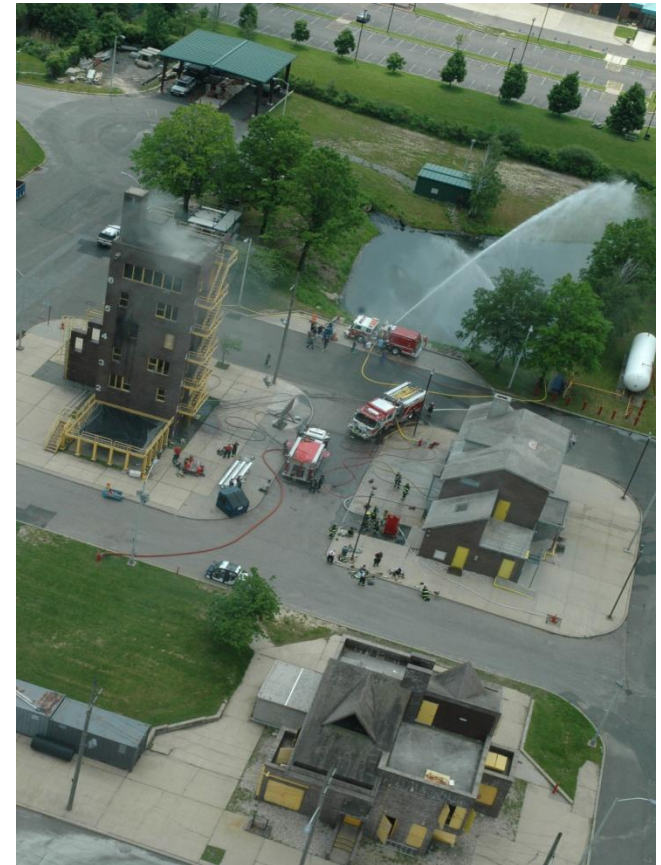
## Emergency Services

# BES13 Fire Training Site Improvements Phase II

**This project rehabilitates and repairs the Burn Simulator Building and Training Tower to maintain the highest level of training and safety standards for first responders.**

- 2014 Request will fund the structural repairs, masonry, concrete core sampling and testing, drainage repairs, pavement improvements and restoration of metal surfaces.
- Safety
- Infrastructure

- **Ultimate Project Cost:** \$ 1,880,000
- **Appropriated:** \$ 0
- **2014 Project Request:** \$ 1,880,000



# **Westchester County 2014 Capital Projects**

## **Labs and Research**

# BLR2C Equipment Acquisition Labs & Research (2011-2015)

- **Replacement and acquisition of laboratory equipment.**

- 2014 Request will fund the purchase of replacement Environmental, Forensic, and Microbiology instrumentation.
- Health and Safety
- Legislative District 3

- **Ultimate Project Cost : \$ 2,030,000**
- **Appropriated : \$ 1,094,000**
- **2014 Project Request : \$ 423,000**



## BLR07 HVAC Equipment upgrade, Labs & Research

- **2014 Request will provide for structure for new steam boilers, supplemental AC for Toxicology, upgrade existing HVAC for Environmental and exhaust duct improvement for Autopsy**

- Health and Safety
- Legislative District 3

- **Ultimate Project Cost :**      \$ 4,250,000
- **Appropriated :**                \$ 250,000
- **2014 Project Request :**      \$ 4,000,000



# Westchester County 2014 Capital Projects

## Planning and Property Acquisition

# BPL1A Housing Implementation Fund II

- **Provides funds for public infrastructure (e.g. water, sanitary and storm sewers, road and site improvements, etc.) to facilitate the construction, rehabilitation or adaptive reuse of property for fair and affordable housing. Under prior project BPL01, 2,242 units were assisted through 2012.**

➤ 2014 request continues project BPL01 to fund additional fair and affordable housing projects

➤ Fair and Affordable Housing

■ Ultimate Project Cost:	\$	25,000,000
■ Bonded:	\$	0
■ Appropriated:	\$	0
■ 2014 Project Request:	\$	5,000,000



## BPL30 New Homes Land Acquisition II

- **Continues project BPL10 to provide funds to acquire property for the construction, rehabilitation or adaptive reuse of property for fair and affordable housing. The project increases the inventory of available properties for development of fair and affordable housing. Through the end of 2012, 1,685 units have been assisted.**

- 2014 request funds additional fair and affordable housing projects countywide
- Fair and Affordable Housing

■ Ultimate Project Cost:	\$ 25,000,000
■ Appropriated:	\$ 0
■ 2014 Project Request:	\$ 5,000,000



# BPL50 Fair and Affordable Housing

- Provides funding for activities related to the development of affordable affirmatively furthering fair housing units in municipalities eligible under the Stipulation and Order of Settlement and Dismissal.
- Activities include acquisition of real property, rehabilitation of residential property and infrastructure costs in support of the housing.

- 2014 request provides funds for the above.
- Fair and affordable housing

- **Ultimate Project Cost:**     \$ 51,600,000
  - **County Share:**             \$ 30,000,000
  - **Non County Share:**     \$ 21,600,000
- **Appropriated**                 \$ 44,100,000
- **2014 Project Request:**     \$ 7,500,000
  - **County Share:**             \$ 7,500,000
  - **Non County Share:**         \$             0



# **Westchester County 2014 Capital Projects**

## **Information Technology**

# BIT4B Employee Productivity Systems (2013-2017)

## Purchase of High Productivity Tools

- 2014 Request will fund the effort to continue to provide software that should result in Operating Budget savings by increasing productivity.
- Infrastructure
- Countywide

**Ultimate Project Cost: \$ 3,000,000**

**Appropriated: \$ 1,000,000**

**2014 Project Request: \$ 500,000**



# BIT6B Purchase of Computer Equipment (2011-2015)

## Purchase of Large Computer Equipment Items – Servers, Scanners, Storage Devices

- 2014 Request will fund purchase of servers to replace aging equipment and accommodate new applications and storage media for backing up County data.
- Infrastructure
- Countywide

**Ultimate Project Cost: \$2,909,000**

**Appropriated: \$1,909,000**

**2014 Project Request: \$ 500,000**



# BIT7A Global Positioning Systems (GPS) Phase II

## Purchase of GPS Equipment

- 2014 Request will fund the purchase of hardware, software, and consulting services to interface Global Positioning Systems (GPS) and Automated Vehicle Locator (AVL) data with Geographical Information System (GIS) applications.
- Infrastructure
- Countywide

**Ultimate Project Cost: \$600,000**

**Appropriated : \$150,000**

**2014 Project Request: \$150,000**



# BIT17 Network Infrastructure Upgrade (2011 – 2015)

## Purchase of Network Equipment and Software, Wiring and Installation Costs

- 2014 Request will fund purchase and installation of network equipment and network management software to upgrade and expand existing infrastructure.
- Infrastructure
- Countywide

**Ultimate Project Cost: \$6,896,000**

**Appropriated: \$5,896,000**

**2014 Project Request: \$ 500,000**



# BIT30 Replacement of E911 Equipment Phase II

## Purchase of E911 Equipment

- 2014 Request will fund the purchase and installation of E911 aging servers and PC's necessary for dispatching E911 calls.
- Infrastructure
- Countywide

What you will have



**Ultimate Project Cost: \$4,500,000**

**Appropriated: 0**

**2014 Project Request: \$2,000,000**

# BIT32 Radio System Replacement

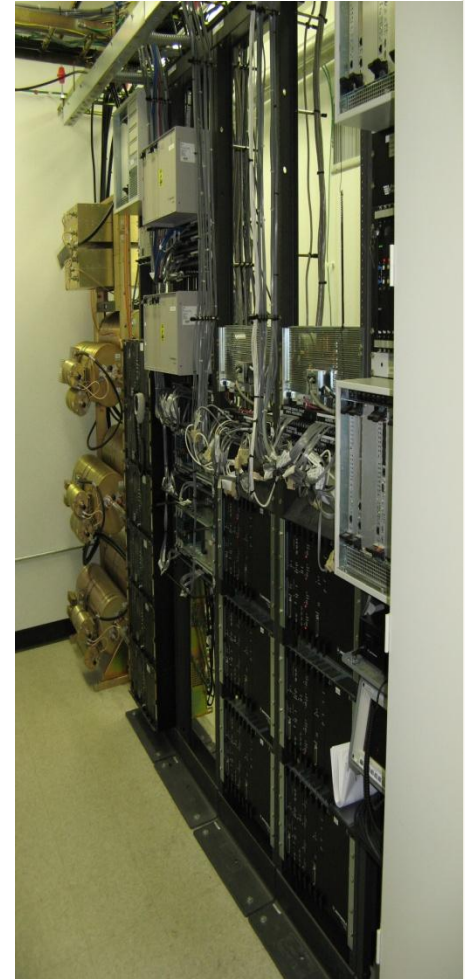
## Replacement of the Trunked Radio System

- 2014 Request will fund the replacement of the fire/EMS/Bee-Line trunked radio system, police radio system, and the Bee Line transit radio system, which are vital to ensure safety of life and property throughout Westchester County.
- Infrastructure
- Countywide

**Ultimate Project Cost: \$30,000,000**

**Appropriated: 0**

**2014 Project Request: \$6,000,000**



# BIT33 Radio Site Infrastructure

## Rehab and Replacement of Radio Site Infrastructure

- 2014 Request will fund the rehab and replacement of critical radio site infrastructure including equipment shelters, towers, antennas, generators, and security systems.
- Infrastructure
- Countywide

**Ultimate Project Cost: \$1,625,000**

**Appropriated: 0**

**2014 Project Request: \$ 325,000**



# BIT34 Video Surveillance Security

## Purchase of Video Surveillance Equipment

- 2014 Request will fund the purchase of security hardware used for the capture, organization, and playback of digital video. This will also help preserve video evidence.
- Infrastructure
- Countywide

**Ultimate Project Cost: \$750,000**

**Appropriated: 0**

**2014 Project Request: \$250,000**



# **Westchester County 2014 Capital Projects**

## **Buildings – General**

## B014C Exterior Infrastructure Repairs, White Plains Complex (2011-2015)

### Michaelian Office Building Facade Repairs & Waterproofing

Repairs shall address the steel spandrel beams, structural steel columns, steel lintels, and brickwork.

- 2014 request funds design, construction management and construction for Phase IV
- Removal and replacement of the cornice and parapet walls
- Repair/replacement and waterproofing of structural steel, as required
- Removal/replacement of damaged lintels
- Routing and re-pointing of mortar joints

- **Ultimate Project Cost: \$ 9,750,000**
- **Appropriated: \$ 5,350,000**
- **2014 Project Request: \$ 2,200,000**



## B015C Interior Infrastructure Repairs, White Plains Complex (2011-2015)

### Michaelian Office Building Steam Piping Replacement

- 2014 request funds design, construction management and construction
  - Replacement of the existing steam condensate piping and related equipment in the basement
  - Replacement of branch and riser piping to floor structure above
  - Work shall include steam traps, strainers, drains and valves
  - Each riser shall receive a steam trap assembly with drain valve
  - Replace existing radiator valves, steam traps and steam riser expansion joints
- 
- **Ultimate Project Cost: \$ 4,350,000**
  - **Appropriated: \$ 700,000**
  - **2014 Project Request: \$ 2,500,000**



# B035C Heavy Equipment Replacement Program (2012 – 2016)

Multi-year project for the acquisition/replacement of heavy equipment necessary to maintain the County roads, bridges and grounds.

- 2014 request funds the purchase of the following equipment:
  - One catch basin cleaning/vacuum truck
  - Two crew cab six wheel dump trucks w/plow and spreader
  - Two pickup trucks w/plow and spreader
  - One tractor w/cutting deck
  - One asphalt reclaimer

- **Ultimate Project Cost: \$ 2,390,000**
- **Appropriated: \$ 865,000**
- **2014 Project Request: \$ 800,000**



## **B042B** Roof Replacement Program (2012-2016), Various Locations

Multi-year project that addresses the replacement of roofs on facilities maintained by the Operations Division of Public Works/Transportation.

- 2014 request funds design, construction management and construction
- Roofing replacement at the Laboratories and Research Facility on the Valhalla Campus including:
  - Environmental Laboratory; installed 1994
  - Mechanical Rooms; installed 1994

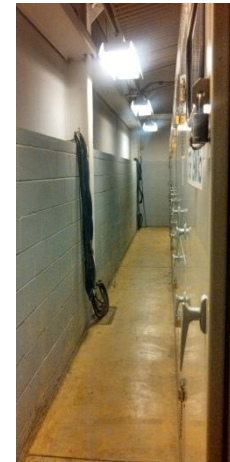


- **Ultimate Project Cost: \$ 8,960,000**
- **Appropriated: \$ 4,150,000**
- **2014 Project Request: \$ 810,000**

## B077D Infrastructure Rehabilitation, Valhalla Campus (2014 – 2018)

This project provides for the rehabilitation of the exterior, interior and site infrastructure at various facilities located on the Valhalla Campus.

- 2014 request funds design, construction management and construction
- Addition to Central Electrical Distribution Facility to meet the National Fire Protection Association (NFPA) code requirements



- **Ultimate Project Cost: \$ 2,550,000**
- **Appropriated: \$ 0**
- **2014 Project Request: \$ 500,000**

## B0107 Fleet Vehicle Replacement

Project provides for the replacement of aging motor pool vehicles with excessive mileage, rust and rot.

- Labor hours and replacement part costs increase with vehicle age
- More cost efficient to replace vehicles older than 7 years or exceeding 100,000 miles.
- Chassis rusting and rot has been found on 2000/2001 Cavaliers. These vehicles will not pass NYS inspection and will be removed from service.

- **Ultimate Project Cost: \$ 2,000,000**
- **Appropriated: \$ 1,000,000**
- **2014 Project Request: \$ 1,000,000**



# **Westchester County 2014 Capital Projects**

## **Social Services**

## BSS13 Infrastructure Improvements to Shelter Facilities – Vernon Plaza, Mount Vernon

Continuing multi-year cycle of infrastructure improvements to the Vaughn Glanton Employment Residence at Vernon Plaza in Mount Vernon.

- 2014 request funds design, construction management and construction
- Renovation of all residence bathrooms and common hallways
- Upgrade to energy-efficient lighting
- Rehabilitation of walkways, retaining walls and fencing

- **Ultimate Project Cost: \$ 1,550,000**
- **Appropriated: \$ 650,000**
- **2014 Project Request: \$ 900,000**



# **Westchester County 2014 Capital Projects**

## **Parking Facilities**

## BPF32 Infrastructure Repairs (2012-2016), Parking Structure, White Plains Complex

Work involves structural repairs to the facility's concrete columns and waffle slab system. Repair and waterproofing of the concrete parking decks and ramps are also included.

- 2014 request funds design, construction management and construction for the Phase III repairs to the parking structure
- Parking capacity is 1,000 cars
  
- **Ultimate Project Cost: \$ 5,000,000**
- **Appropriated: \$ 2,000,000**
- **2014 Project Request: \$ 1,000,000**



# **Westchester County 2014 Capital Projects**

## **Parkways, Roads & Bridges**

# Bridge Condition Rating System

The numerical rating system is used to rate bridge elements in general terms. The Bridge Condition Rating number is a weighted average of the condition of all the elements of the structure.

1. Potentially Hazardous.
2. Used to shade between a Rate of 1 and 3.
3. Serious deterioration or not functioning as originally designed.
4. Used to shade between a Rate 3 and 5.
5. Minor deterioration and is functioning as originally designed.
6. Used to shade between a Rate 5 and 7.
7. New Condition.

# Pavement Condition Index

The Pavement Condition Index (PCI) is used to identify repair strategies that could be applied to the individual road segments within the County Road network. These ratings are matched with the repair relationships/strategies as outlined below in order to create a prioritized ranking of candidate projects for funding under the Capital Program.

<b>PCI</b>	<b>Treatment Category</b>	<b>Recommended Treatment</b>
0-40	Total Reconstruction/ Major Rehabilitation	Subbase repairs, new drainage, resurfacing (6"- 10" asphalt)
41-70	Rehabilitation (Structural)	Mill and Overlay (two or three course overlay)
71-80	Preventive Maintenance	Crack sealing (extensive), major patching, thin overlay, resurfacing
81-90	Routine Maintenance	Crack sealing (minimal), minor patching
91-100	No Action Required	No maintenance required

# RB01Q Ashford Avenue Bridge over I-87 and Saw Mill River Parkway, Ardsley (BIN 5348380)

Project will consist of the complete removal of the concrete decking, bearings, and abutment caps (wingwall repairs), structural steel repairs, and replacement of the above items.

- 2014 request funds construction management and construction
- Year Built: 1950
- Bridge Condition Rating: 3.653 (2011)
- AADT: 20,342
- MPT: Staged construction to maintain single lanes of traffic in each direction
- Legislative District 12

- **Ultimate Project Cost: \$ 16,740,000**
- **Appropriated: \$ 2,100,000**
- **2014 Gross: \$ 14,640,000**
- **2014 Non-County: \$ 6,762,000**
- **2014 Net Request: \$ 7,878,000**



# RB2UU Fulton Avenue Bridge Over Hutchinson River, Mt. Vernon and Pelham Manor (BIN 3348220)

Project will include repairs to steel members and piers; rehabilitation of wearing surface; painting of bridge; and rebalancing of bascule spans.

- 2014 request is for additional construction funding
  - Year Built: 1974
  - Bridge Condition Rating: 4.254 (2011)
  - AADT: 20,000
  - MPT: Staged construction to maintain single lane of traffic in each direction for the majority of the project. Closure required for certain construction activities..
  - Legislative Districts 11, 13
- 
- **Ultimate Project Cost: \$ 9,370,000**
  - **Appropriated: \$ 6,370,000**
  - **2014 Project Request: \$ 3,000,000**



## RB03K Access Ramp to the NB Saw Mill River Parkway at Ashford Avenue Bridge, Ardsley (534838A)

Project will consist of the removal of the concrete decking, bearing and abutment caps, structural steel repairs.

- 2014 request funds design, construction management and construction
- Year Built: 1950
- Bridge Condition Rating: 4.111 (2013)
- AADT: 3,427
- MPT: Closure with detours
- Legislative District 12

- **Ultimate Project Cost: \$ 4,010,000**
- **Appropriated: \$ 0**
- **2014 Project Request: \$ 4,010,000**



## RB03R Pier Rehabilitation, Ashford Avenue Bridge, Ardsley/Dobbs Ferry (BIN 5348380)

Project will fund replacement of piers 2 & 4 and the rehabilitation of piers 1, 3, & 5; concrete abutments and wingwalls.

- 2014 request funds design, construction management and construction
- Year Built: 1950
- Bridge Condition Rating: 3.653 (2011)
- AADT: 20,342
- MPT: Staged construction to maintain single lanes of traffic in each direction.
- Legislative District 12

- **Ultimate Project Cost: \$ 5,000,000**
- **Appropriated: \$ 1,500,000**
- **2013 Project Request: \$ 3,500,000**



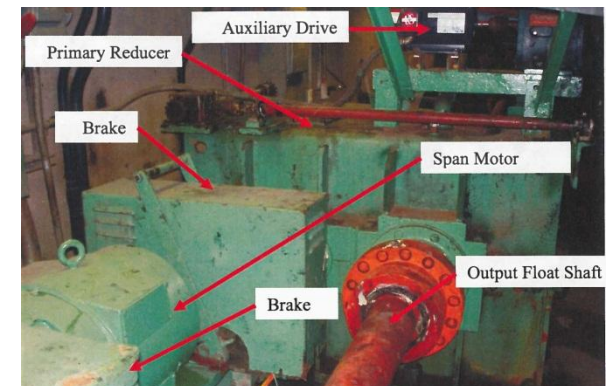
# RB03S Fulton Avenue Bridge Span Drives, Power and Control System Upgrades, Mt. Vernon/Pelham Manor (BIN 3348220)

Project will upgrade the span drives, power and control systems for the Fulton Avenue Bridge.

- 2014 request funds construction
- Installation of new span lock machinery, span drive motors, auxiliary/emergency span motors, primary and secondary reducers
- New electrical service, emergency generator, automatic transfer switch, grounding system, lightning protection system
- New control system including control cabinets, motor control center, control desk, and limit switches
- Legislative Districts 11, 13



- **Ultimate Project Cost: \$ 7,700,000**
- **Appropriated: \$ 1,200,000**
- **2014 Project Request: \$ 6,500,000**

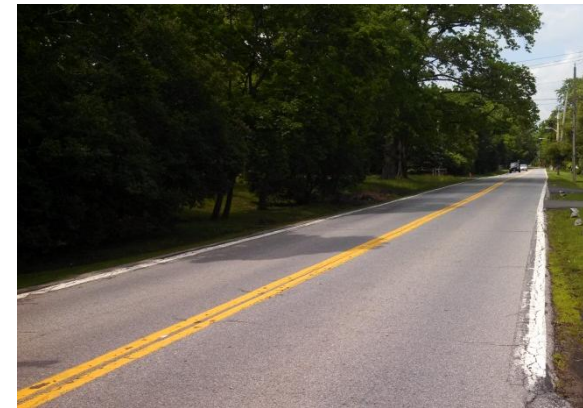


## RB132 Highland Road, CR 308, Harrison

Rehabilitation of approximately 0.4 miles of roadway from East Purchase Street to Harrison/Rye Town Line including milling, resurfacing, joint and crack repair; guide rail replacement, replacement/adjustment of utility castings, and new pavement markings.

- 2014 request funds design, construction management and construction
- PCI: 75 (2010)
- AADT: 3,617
- MPT: Daily single lane closures
- Legislative District 6

- **Ultimate Project Cost: \$ 970,000**
- **Appropriated: \$ 0**
- **2014 Project Request: \$ 970,000**



# RB141 Overhead Sign Structure Replacements, Various Locations

This project will replace approximately 30 overhead sign structures and/or sign panels on County Roadways. The location and text of these signs are mandated by the Manual of Uniform Traffic Control Devices.

- 2014 request funds design
- Many of these signs were installed by the NYSDOT as part of the interstate highway construction and most are older than 40 years old.
- Recent NYSDOT inspection has revealed many deficiencies on these structures and on the sign panels.
- New signs and structures will meet current design standards.
- Legislative Districts 5, 6, 7, 12, 14

- **Ultimate Project Cost: \$ 6,530,000**
- **Appropriated: \$ 0**
- **2014 Project Request: \$ 800,000**



# RB146 South Broadway and Post Road, CR 108, White Plains

Rehabilitation of approximately 0.38 miles of roadway from Main Street to Mamaroneck Avenue including milling, resurfacing, joint and crack repair, replacement of sections of concrete curb, replacement/adjustment of utility castings, new traffic loops and new pavement markings.

- 2014 request funds design, construction management and construction
- PCI: 71 (2010)
- AADT: 28,139
- MPT: Daily single lane closures
- Legislative District 5

- **Ultimate Project Cost: \$ 1,320,000**
- **Appropriated: \$ 0**
- **2014 Project Request: \$ 1,320,000**



# RB167 Halstead Avenue, CR 80A, Harrison

Rehabilitation of approximately 0.91 miles of roadway from Mamaroneck Village/Harrison Line to Haviland Street including milling; resurfacing; joint and crack repair; full depth pavement repairs; minor bus stop improvements; installation of curb cuts, as needed; curbing and drainage repairs; replacement/adjustment of utility castings; new traffic loops; and new pavement markings.

- 2014 request funds design, construction management and construction
- PCI: 67 (2010) Mamaroneck/Harrison Line to Broadway
- PCI: 64 (2010) Broadway to Haviland St
- AADT: 11,686
- MPT: Daily single lane closures
- Legislative District 6
  
- **Ultimate Project Cost: \$ 1,650,000**
- **Appropriated: \$ 0**
- **2014 Project Request: \$ 1,650,000**



## RB168 Seven Bridges Road, CR 5, New Castle

Rehabilitation of approximately 0.36 miles of roadway from Route 133 to the Yorktown/New Castle Line including milling; resurfacing; joint and crack repair; full depth pavement repairs; guide rail replacement; drainage repairs; replacement/adjustment of utility castings; new traffic loops; and new pavement markings. Shoulder widening will be provided on each side of the roadway to improve safety and prevent excessive wear and tear on the road edges.

- 2014 request funds design, construction management and construction
- PCI: 52 (2010)
- AADT: 3,169
- MPT: Daily single lane closures
- Legislative District 4

■ <b>Ultimate Project Cost:</b>	<b>\$</b>	<b>680,000</b>
■ <b>Appropriated:</b>	<b>\$</b>	<b>0</b>
■ <b>2014 Project Request:</b>	<b>\$</b>	<b>680,000</b>



# Westchester County 2014 Capital Projects (Part I)

