

Dutchess County 2014 Capital Improvement Program



**Transforming County Government
Year Two**

*Marcus J. Molinaro
County Executive*

Letter to Legislators

Enclosed herein is the Capital Program 2014-2018, as adopted by the Capital Program Committee on August 7, 2013. The Capital Program is a **recommendation** to the County Legislature from the Capital Program Committee, comprised of members of the Administration and Legislature. It identifies the projects that are recommended to be undertaken, including their estimated cost when available, and timing. Projects listed for 2014 are recommended for submission to the County Legislature for approval next year. The projects listed for 2015 through 2018 are identified as being necessary; these projects, however, will be reviewed annually to reconcile changing needs, priorities, current costs, and funding availability.

Financing Dutchess County Government requires careful consideration of long-term financial goals as well as consideration of the immediate needs faced in the preparation of annual operating budgets. The capital program establishes project priorities over the five-year period; it is a forecast based on the needs of our county within the context of long-term fiscal restraint and stability.

The projects included herein have been carefully reviewed and discussed with department heads. The overall program cites five-year expenditures for public safety, recreation, transportation, physical and technical infrastructure and general service functions. In addition to county expenditures, sources of financing include Federal and State aid, trade-in or resale of equipment to be replaced and additional revenues that may be generated by a project. This capital program includes projects for Dutchess Community College and Dutchess County Water and Wastewater Authority, which would also require substantial funding by the County.

While we must be prudent, maintaining the county's facilities, infrastructure, road network and other capital assets must remain a high priority. I wish to thank the members of the Capital Program Committee for participating in establishing this plan for the Legislature's consideration.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. Molinaro', with a stylized flourish at the end.

Marcus J. Molinaro
COUNTY EXECUTIVE

The seal of Dutchess County, New York, is a circular emblem. It features a central figure of a Native American holding a bow and arrow, with a plow and sheaves of wheat below. The words "DUTCHESS COUNTY" are written around the top inner edge, and "NEW YORK" is at the bottom. The seal is faintly visible in the background.

Capital Program Committee

Marcus J. Molinaro, County Executive, Chair

William O'Neil, Deputy County Executive

Robert Rolison, Chair of County Legislature

Gerald Hutchings, Chair of Public Works and Capital Projects

Valerie J. Sommerville, Budget Director

Pamela Barrack, Commissioner of Finance

Kealy Salomon, Commissioner of Planning and Development

Robert H. Balkind, P.E., Deputy Commissioner of Public Works

Prepared by:

The Dutchess County Department of Planning & Development

Capital Program Coordinator: **Brian Kehoe**, Planner

Contents

Introduction

Capital Program 2014- 2018 1

Summary

Table 1: Summary of 2014-2018 Capital Program 8
Table 2: Summary of Capital Program – 2014 9
Table 3: Capital Program Requests for Dutchess County 10
Table 4: Capital Program Requests for Dutchess County Water and Wastewater Authority .. 24
Table 5: Capital Program Requests for Dutchess Community College..... 25
Table 6: Capital Program Requests for Vehicles and Equipment..... 27

Projects

Central & Information Services..... 31
Dutchess Community College 32
Planning & Development 36
Public Transportation 37
Public Works - Aviation Division 37
Public Works - Buildings Division 38
Public Works – Engineering Division 43
Public Works – Parks Division 45
Dutchess County Water and Wastewater Authority 46

Finances

Table 7: Anticipated Funding Sources for 2014-2018 Capital Program 48
Table 8: Current Capital Projects, August 31, 2013 63
Table 9: Capital Outlays, Dutchess County Government, 1993-2012 67
Table 10: Total Outstanding Indebtedness, Dutchess County Government 2008-2012 68
Table 11: Debt Service, Dutchess County Government 1995-2014 69
Table 12: Debt Authorized and Unissued 2013 70
Financial Impact Analysis 71

Appendix:

Capital Program Committee Resolution of Approval 73

Introduction

A capital program is a statement of major projects that are intended to be undertaken over a specified period of time. This program of capital expenditures includes spending for the acquisition, improvement or addition to capital assets, which are fixed assets with a useful life of more than a year. Dutchess County's capital program covers a five-year period and is revised annually to reflect the County's changing needs and priorities.

The 2014-2018 Capital Program provides for the maintenance of existing levels and quality of county facilities and services and the expansion of a few selected services. The program responds to mandates or opportunities to promote greater efficiency, while controlling debt service costs and the impact on the County's operating budget.

CAPITAL PROGRAM 2014-2018

Capital expenditures for County departments, the Dutchess County Water and Wastewater Authority (DCWWA) and Dutchess Community College (DCC) are summarized in Table 1 and Table 2. In Table 3, projects are grouped by the requesting County department and prioritized within these groups. Tables 4 and 5 list specific projects requested by DCWWA and DCC, respectively. Table 6 lists specific vehicle and equipment requests. The highlights of the County's capital program are noted below; descriptions for all projects are included in the following sections.

Highlights

Dutchess County's Capital Program 2014-2018 provides for improvements in all functional areas of County government. Projects are spread over the five-year period to equalize the impact on annual debt service obligations.

Improvements to Dutchess County Airport scheduled for 2014 include rehabilitation of the Terminal Building and taxiways as well as design for the realignment of taxiway "A".

Recommended 2014 capital projects involving existing County buildings include: energy efficiency improvements, emergency generator installations and a roof replacement at 170 Washington Street. Final design & construction for a Jail capacity expansion are also planned.

The Highway Construction and Maintenance Division of the Department of Public Works (DPW) has scheduled the replacement of various vehicles and equipment during 2014.

The maintenance of County roads and bridges is an ongoing priority in Dutchess County. 2014 funding is provided for the Engineering Division of DPW to continue our commitment to maintaining roads and bridges, preventing deterioration, and repairing hazardous conditions.

Rehabilitation of the Harlem Valley Rail Trail as well as electrical upgrades at Bowdoin and Wilcox Park are programmed for DPW Parks in 2014.

Central & Information Services has planned an upgrade to the high-quality aerial photography which is an integral component of the County's Geographic Information Systems (GIS) and is critical to the County, municipalities, businesses and our residents.

The Dutchess County Water and Wastewater Authority is scheduled to begin design of a water storage facility for the Central Dutchess Water Transmission Line.

Dutchess Community College's project for 2014 is the completion of the second phase of a campus-wide upgrade of the electrical system.

In 2014, the Department of Planning & Development requests funds for the Partnership for Manageable Growth. This grant fund matches available Federal, State, municipal and/or other funds in order to protect Dutchess County open space and farmland.

The Annual Process

The annual capital programming process, which is coordinated by the Dutchess County Department of Planning and Development, begins with County departments submitting capital budget requests for a five-year period.

For each capital project submitted by a department, its commissioner assigns a departmental rating. This rating assists the Capital Program Committee in comparing projects in different departments.

The departmental ratings are based on a three-tier formula. Tier one criteria carry the greatest weight. They reflect issues of the most importance, such as whether the proposed project is needed to improve public health and safety; is required by law, regulations or court mandate; is needed to improve a county building; or will reduce the operating budget. The life expectancy of the project, whether the project will encourage further economic development and whether the project duplicates services already available are also considered in tier one.

Tier two criteria address the use of the project using the following questions: What is the population served? How will the project affect the present quality of life? Is it included in **Directions: The Plan for Dutchess County, Greenway Connections**, or in other adopted County plans? Will the project be used year-round or seasonally? When can the project be started? Will the project yield a financial return? Does it serve the special needs of a certain segment of the county, such as the aging?

Tier three criteria address the costs of the project. Is the project revenue-generating? Will it decrease or increase energy consumption? Is there an advantage to beginning the project now, such as, being able to obtain materials at favorable prices?

The Capital Program Committee comprised of the County Executive, County Legislators, and selected department heads, then evaluates the requests on the basis of overall County government priorities and needs. This evaluation process includes discussions with department heads, an analysis of existing programs and projects and a review of the short- and long-term fiscal impacts of proposed projects.

After the Capital Program Committee adopts the capital program, bonding resolutions for the ensuing years' projects will be forwarded to the County Legislature for approval.

Financial Impact

The projected fiscal implications of the 2014-2018 Capital Program are included in this report to provide a true picture of the financial impacts of the proposed projects on the County's future budgets. Historical trends of debt service and capital outlay expenditures

in Dutchess County are provided as is a listing of capital improvement projects that have been approved and are in the process of being implemented.

Capital Projects & Debt Service

Overview

Like most governments, Dutchess County utilizes borrowing to finance capital expenditures, such as, road and bridge projects, equipment acquisition, building construction and renovations, and other authorized activity. Capital projects are typically multi-year projects financed by the issuance of debt which is repaid with interest over the useful life of the project or capital asset. The County's operating budget includes annual re-payment of principal and payment of interest through "debt service."

There are many advantages to this method of financing capital expenditures. Borrowing, typically through issuance of bonds, helps to create a more stable expenditure pattern that does not fluctuate severely as projects are undertaken. Borrowing also enables the County to complete capital projects that would be unattainable through a strictly pay-as-you-go financing basis. Furthermore, this policy enables the cost of these capital assets to be borne by the present and future taxpayers receiving the benefit of the capital assets.

The uses and terms of debt are largely regulated by New York State and Local Finance Law. According to the County charter, the authorization to issue bonds requires adoption of a bond resolution approved by at least two-thirds of the County Legislative body. These resolutions delegate the power to the Chief Fiscal Officer, the Commissioner of Finance, to authorize and sell bond anticipation notes in anticipation of the issuance and sale of bonds authorized, including renewals of such notes. The decision to issue bonds is evaluated annually based on cash needs of each project and projected county cash flow. The County is assisted by bond counsel and financial advisors which play a key role in the issuance, regarding the structure, timing, official statement and legal requirements as well as with the application to the rating agency. For more information regarding debt service policy, refer to the Budget Overview – Financial Policies section of the budget document.

Debt Service

Outstanding indebtedness as of December 31, 2012 totaled \$107,701,442. The total amount is subject to the constitutional debt limit of \$2.4 billion and represents approximately 3.96% of this limit. As of December 31, 2012, the County had authorized but unissued debt totaling \$14,502,603. The following table represents a summary of the County's debt service obligation as of December 31, 2012. This table does not include any projected borrowing that is scheduled to occur in 2013.

YEAR	PRINCIPAL	INTEREST	TOTAL
2013	\$14,406,442	\$3,974,874	\$18,381,316
2014	\$13,770,000	\$3,506,126	\$17,276,126
2015	\$12,650,000	\$2,987,209	\$15,637,209
2016	\$10,090,000	\$2,530,681	\$12,620,681
2017	\$9,015,000	\$2,133,375	\$11,148,375
2018-	\$31,515,000	\$6,152,844	\$37,667,844
2023-	\$14,350,000	\$1,647,198	\$15,997,198
2028-	\$1,905,000	\$136,416	\$2,041,416
	\$107,701,442	\$23,068,723	\$130,770,165

Dutchess County utilizes comprehensive debt management strategies to minimize annual debt service and maximize benefit to the County's fiscal condition while protecting taxpayer resources. Debt management planning includes continual administrative review, adherence to local finance law, emphasis on pay-as-you-go financing when possible and responsible, and use of bond counsel and financial advisors.

In 2003, Dutchess County undertook debt management initiatives through the formation of a local development corporation known as the Dutchess Tobacco Asset Securitization Corporation (Dutchess TASC). The County assigned its rights to receive tobacco revenues under a Master Settlement Agreement to the Dutchess TASC for \$41.97 million which was funded through the issuance of turbo-redemption bonds, resulting in a reduction of the County's outstanding indebtedness at December 31, 2003 to \$53.9 million, a decrease of \$39.5 million over the previous year. This corporation, together with similar corporations for Oswego and Rockland counties, formed a pool known as New York Counties Tobacco Trust III. As a result, the County was able to defease \$47 million in debt. This total includes \$37.3 million in principal and \$9.7 million in interest.

In November 2005, the Dutchess Tobacco Asset Securitization Corporation (Dutchess TASC) together with 23 other County TASCs formed a pool known as New York Counties Tobacco Trust V (NYCTT V). NYCTT V issued \$199,375,348 in Tobacco Settlement Pass-through Bonds yielding 6%-7.85% interest and an average expected life from 14 to 27 years. Dutchess TASC's portion totaled \$25.5 million. As a result, Dutchess County was able to defease \$9.5 million in debt issued December 2004 and receive \$16 million in the Capital Projects Fund.

In addition to the above transactions, the County has been vigilant in refunding bonds to issue new ones at lower interest rates. This process is undertaken periodically depending on interest rates and potential savings. In May 2006, bonds were issued to advance refund \$10.2 million in Public Improvement (Serial) Bonds originally issued by the County. The total overall savings was \$522,505 to the County.

In February 2009, Dutchess County issued \$15,095,000 Public Improvement Refunding (Serial) Bonds, 2009 Series dated February 18, 2009. The bond principal decreased \$390,000; interest decreased \$679,585. The total overall savings was \$1,069,585 to the County.

In December 2011, the County issued \$5,395,000 in Serial Bonds which were used to advance refund \$5,750,000 of the 2003 public improvement serial bonds. The County recorded a gain on bond refunding in the amount of \$544,473 related to this transaction. County fiscal staff continues to seek out other responsible debt management practices to effectively reduce costs.

Ongoing Projects

Dutchess County utilizes the annual Capital Improvement Program as a means to maintain and improve county infrastructure. The following represent ongoing projects that are necessary on a routine basis to maintain county infrastructure, many of which have been proposed as part of the Capital Improvement Program for 2014.

- Energy Efficiency Improvements at Various County Facilities
- Roof Replacement Program
- HVAC Piping & Infrastructure Replacement Program
- Highway & Bridge Improvement & Reconstruction
- Highway Construction Vehicles
- Airport Maintenance and Obstruction Removal
- Dutchess Community College Infrastructure Improvements
- Open Space & Farmland Protection
- County Vehicle Replacement Program

These programs and projects are undertaken to respond to mandates or opportunities to promote greater efficiency and protect county assets.

Planned Capital Expenditures in 2014

Along with the routine ongoing capital projects listed above which occur on an annual basis, there are a number of necessary non-recurring capital projects for 2014 that are adopted as part of the five year capital plan. The following projects have been proposed as part of the Capital Improvement Program for 2014.

Non-Recurring Capital Projects for 2014		
Department	Project	Estimated County Cost (\$000)
Central & Information Services	Aerial Photos & Planimetrics for GIS	\$160
DPW – Buildings	Emergency Response Equipment Garage Expansion	\$350
DPW – Buildings	Auto Service Center Operational & Interior Improvements	\$1,000
DPW – Buildings	County-Wide Hazmat Survey & Budget Report	\$450
DPW – Buildings	Emergency Generators for Various County Facilities	TBD
DPW – Buildings	Sanitary System Repairs at 47 Cannon Street	\$150
DPW – Parks	Harlem Valley Rail Trail Rehabilitation	\$85
DPW – Parks	Electrical upgrades at Bowdoin and Wilcox Parks	\$80
TOTAL		\$2,275

For detailed information regarding these projects, including project descriptions and total project costs, please refer to the projects section of this program.

Impacts on Operating Costs

Capital projects and the capital improvement program impact the budget in a number of ways. When debt is issued for a particular project, those costs increase the total debt service cost included in the ensuing year's operating budget. The 2014 Debt Service Obligation by Fund is detailed in the table below and includes projected borrowing that is scheduled to occur in 2013.

2014 Debt Service Summary by Fund			
Fund	Serial Bond Principal	Serial Bond Interest	Debt Service Totals
General Fund	12,605,276	3,179,484	15,784,760
Community College	1,362,000	343,701	1,705,701
Airport	443,682	140,536	584,218
Public Transportation	167,985	49,933	217,918
TOTALS	14,578,943	3,716,654	18,292,598

The below table indicates the projected 2014 debt service by department, including the borrowing that is scheduled to occur in 2013.

2014 Debt Service Summary by Department			
Department	Serial Bond Principal	Serial Bond Interest	Debt Service Totals
Community & Family Services	\$48,000	\$3,056	\$51,056
Community College	\$1,354,311	\$267,447	\$1,621,758
Comptroller	\$381,800	\$33,579	\$415,379
DPW Airport	\$360,277	\$134,625	\$494,902
DPW Buildings	\$4,285,783	\$1,079,389	\$5,365,172
DPW Highway & Engineering	\$4,574,104	\$1,090,013	\$5,664,117
DPW Parks	\$816,224	\$390,348	\$1,206,572
Emergency Response	\$700,982	\$306,424	\$1,007,406
Jail	\$738,000	\$64,978	\$802,978
Public Transportation	\$167,985	\$49,933	\$217,918
Office of Central and Information Systems	\$595,745	\$117,550	\$713,295
Planning & Development	\$496,989	\$154,281	\$651,270
Probation & Community Correction	\$45,743	\$15,095	\$60,838
Sheriff	\$13,000	\$6,937	\$19,937
Total	\$14,578,943	\$3,713,655	\$18,292,598

Dutchess County strives to minimize frequency of borrowing and to utilize a pay-as-you-go project financing method when possible. The fiscal impact of each project is carefully reviewed to determine if and when borrowing becomes necessary to finance the project. Many of the on-going capital projects such as roof replacements and energy efficiency improvements at County facilities minimize departmental operating expenses by reducing utility and maintenance costs. These adjustments are included in the calculation of the annual operating budget during the budget process and are included in the analysis and decision-making process for individual capital projects.

Table 1**Summary of 2014 - 2018 Capital Program (\$000)**

Department	2014	2015	2016	2017	2018
Central & Information Services	160.0	0.0	0.0	0.0	0.0
Dutchess Community College	1,700.0	2,066.0	3,923.6	23,611.0	15,666.8
Planning & Development	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0
Public Transportation	0.0	0.0	0.0	6,525.0	0.0
Public Works - Aviation	5,343.0	850.0	330.0	3,365.0	2,015.0
Public Works - Buildings Division	5,185.0	2,600.0	4,750.0	3,350.0	6,750.0
Public Works - Engineering Division	15,874.0	14,888.0	23,479.0	16,206.0	17,550.0
Public Works - Highway Construction & Maintenance	2,660.0	1,992.0	2,914.8	1,685.0	2,505.0
Public Works - Parks	165.0	60.0	0.0	0.0	0.0
Water & Wastewater Authority	362.0	2,388.2	6,975.0	1,884.8	0.0
Total Gross Costs	32,449.0	25,844.2	43,372.4	57,626.8	45,486.8
Total Other Funding	8,144.9	9,405.6	20,105.6	30,051.4	20,727.7
Total Net County Costs *	24,304.2	16,438.6	23,266.8	27,575.5	24,759.2

* Values may appear incorrect due to rounding

Table 2

Summary of Capital Program - 2014

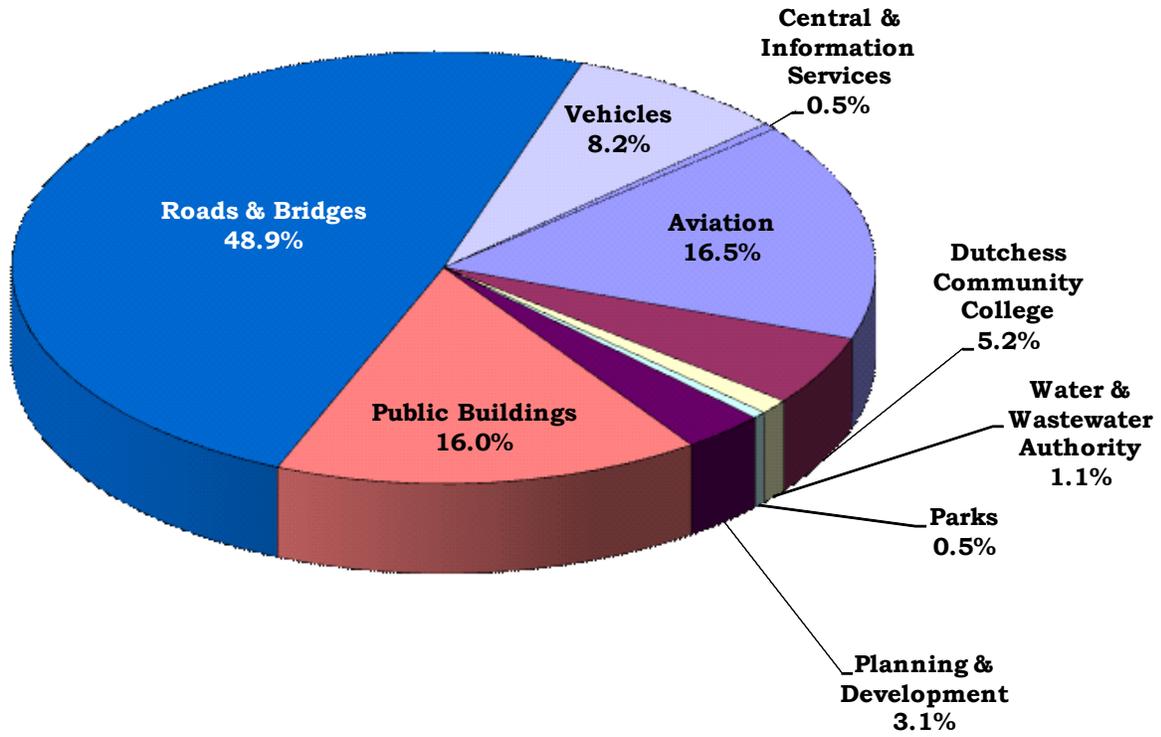


Table 3

2014 - 2018 Capital Program Requests for Dutchess County

= New Project

Department Rating (DR)

Priority Rating (PR)

DR PR PROJECT			2014 TOTAL COUNTY		2015 TOTAL	2016 TOTAL	2017 TOTAL	2018 TOTAL
Central & Information Services								
2014								
<input type="checkbox"/>	74	1	2014 Aerial Photos & Planimetrics for GIS	160.0	160.0			
TOTAL - Central & Information Services			160.0	160.0				

Table 3

2014 - 2018 Capital Program Requests for Dutchess County

= New Project

Department Rating (DR)

Priority Rating (PR)

DR PR PROJECT			2014 TOTAL COUNTY		2015 TOTAL	2016 TOTAL	2017 TOTAL	2018 TOTAL
Planning & Development								
2014								
<input type="checkbox"/>	71	1	Open Space & Farmland Protection	1,000.0	1,000.0			
2015								
<input type="checkbox"/>	71	1	Open Space & Farmland Protection		1,000.0			
2016								
<input type="checkbox"/>	71	1	Open Space & Farmland Protection			1,000.0		
2017								
<input type="checkbox"/>	71	1	Open Space & Farmland Protection				1,000.0	
2018								
<input type="checkbox"/>	71	1	Open Space & Farmland Protection					1,000.0
TOTAL - Planning & Development				1,000.0	1,000.0	1,000.0	1,000.0	1,000.0

Table 3

2014 - 2018 Capital Program Requests for Dutchess County

= New Project

Department Rating (DR)

Priority Rating (PR)

DR	PR	PROJECT	2014		2015	2016	2017	2018
			TOTAL	COUNTY	TOTAL	TOTAL	TOTAL	TOTAL
Public Transportation								
		2017						
<input type="checkbox"/>	84	1 Transit Bus Replacement					6,525.0	
TOTAL - Public Transportation							6,525.0	

Table 3

2014 - 2018 Capital Program Requests for Dutchess County

= New Project

Department Rating (DR)

Priority Rating (PR)

DR PR PROJECT			2014 TOTAL COUNTY		2015 TOTAL	2016 TOTAL	2017 TOTAL	2018 TOTAL
Public Works - Aviation								
2014								
<input type="checkbox"/>	75	1	Rehabilitate Taxiway "B" and Stub Taxiways "A" & "C" (Construction)	1,263.0	63.2			
<input type="checkbox"/>	73	2	Realign Taxiway "A" (Design)	80.0	4.0			
<input type="checkbox"/>	64	3	Terminal Building Rehabilitation	4,000.0	4,000.0			
2015								
<input type="checkbox"/>	73	1	Realign Taxiway "A" (Construction)			650.0		
<input type="checkbox"/>	77	2	Off-Airport Obstruction Removal Environmental Assessment			200.0		

Table 3

2014 - 2018 Capital Program Requests for Dutchess County

= New Project

Department Rating (DR)

Priority Rating (PR)

DR PR PROJECT			2014 TOTAL COUNTY		2015 TOTAL	2016 TOTAL	2017 TOTAL	2018 TOTAL
2018								
<input type="checkbox"/>	78	1	Off-Airport Obstruction Removal 15-33 (Construction)					1,365.0
<input checked="" type="checkbox"/>	78	2	Realign Taxiway "B" (Runway 33 end) (Construction)					650.0
TOTAL - Public Works - Aviation			5,343.0	4,067.2	850.0	330.0	3,365.0	2,015.0

Table 3**2014 - 2018 Capital Program Requests for Dutchess County**

☑ = New Project

Department Rating (DR)**Priority Rating (PR)**

DR PR PROJECT			2014 TOTAL COUNTY		2015 TOTAL	2016 TOTAL	2017 TOTAL	2018 TOTAL
Public Works - Buildings Division								
2014								
<input type="checkbox"/>	94	1	Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)	750.0	750.0			
<input type="checkbox"/>	78	2	Emergency Response Equipment Garage Expansion	350.0	350.0			
<input type="checkbox"/>	46	3	Auto Service Center Operational and Interior Improvements	1,000.0	1,000.0			
<input type="checkbox"/>	51	4	Roof Replacement at 170 Washington Street	800.0	800.0			
<input checked="" type="checkbox"/>	55	5	Sanitary System Repairs at 47 Cannon Street	150.0	150.0			
<input checked="" type="checkbox"/>	68	6	County-Wide Hazmat & Infrastructure Survey & Budget Report	450.0	450.0			
<input type="checkbox"/>	68	7	Emergency Generators at Various Buildings	1,685.0	1,685.0			

Table 3

2014 - 2018 Capital Program Requests for Dutchess County

= New Project

Department Rating (DR)

Priority Rating (PR)

Priority Rating (PR)			2014	2015	2016	2017	2018	
DR	PR	PROJECT	TOTAL COUNTY	TOTAL	TOTAL	TOTAL	TOTAL	
<input type="checkbox"/>	114 8	Jail Capacity Expansion Final Design & Construction	Scope and Cost to be determined					
2015								
<input type="checkbox"/>	92 1	Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)		750.0				
<input type="checkbox"/>	49 2	Roof Replacement Program at Various County Buildings		750.0				
<input checked="" type="checkbox"/>	51 3	HVAC Piping & Infrastructure Replacement Program at Various Buildings (based upon Hazmat & Infrastructure Survey 2014)		750.0				
<input checked="" type="checkbox"/>	61 4	Security & Safety Improvements at Public Transit Facility (LOOP)		250.0				
<input checked="" type="checkbox"/>	56 5	DPW Complex & Eastern Dutchess Government Center & Emergency Response Master Plan Updates		100.0				
<input type="checkbox"/>	114 6	Jail Capacity Expansion Final Design & Construction	Scope and Cost to be determined					

Table 3

2014 - 2018 Capital Program Requests for Dutchess County

= New Project

Department Rating (DR)

Priority Rating (PR)

DR PR PROJECT			2014		2015	2016	2017	2018
			TOTAL	COUNTY	TOTAL	TOTAL	TOTAL	TOTAL
2016								
<input type="checkbox"/>	92	1				750.0		
Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)								
<input type="checkbox"/>	49	2				750.0		
Roof Replacement Program at Various County Buildings								
<input checked="" type="checkbox"/>	51	3				750.0		
HVAC Piping & Infrastructure Replacement Program at Various Buildings (based upon Hazmat & Infrastructure Survey 2014)								
<input type="checkbox"/>	53	4				1,000.0		
Emergency Response Training Center, Phase II Expansion (based upon 2015 Master Plan update)								
<input type="checkbox"/>	58	5				500.0		
Facility Information Database								
<input checked="" type="checkbox"/>	62	6				1,000.0		
Replacement Education Center Building at Bowdoin Park								

Table 3**2014 - 2018 Capital Program Requests for Dutchess County**

☑ = New Project

Department Rating (DR)**Priority Rating (PR)**

DR PR PROJECT			2014		2015	2016	2017	2018
			TOTAL	COUNTY	TOTAL	TOTAL	TOTAL	TOTAL
2017								
<input type="checkbox"/>	90	1	Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)				750.0	
<input type="checkbox"/>	47	2	Roof Replacement Program at Various County Buildings				750.0	
<input checked="" type="checkbox"/>	49	3	HVAC Piping & Infrastructure Replacement Program at Various Buildings (based upon Hazmat & Infrastructure Survey 2014)				750.0	
<input type="checkbox"/>	48	4	DPW Campus Improvements Phase II (based upon 2015 Master Plan update)				1,000.0	
<input checked="" type="checkbox"/>	56	5	DPW Complex & Eastern Dutchess Government Center & Emergency Response Master Plan Updates				100.0	

Table 3**2014 - 2018 Capital Program Requests for Dutchess County**

☑ = New Project

Department Rating (DR)**Priority Rating (PR)**

DR PR PROJECT			2014		2015	2016	2017	2018
			TOTAL	COUNTY	TOTAL	TOTAL	TOTAL	TOTAL
2018								
<input type="checkbox"/>	90	1	Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)					1,000.0
<input type="checkbox"/>	47	2	Roof Replacement Program at Various County Buildings					1,000.0
<input type="checkbox"/>	48	3	DPW Campus Improvements Phase III (Based upon 2015 Master Plan Update)					1,000.0
<input type="checkbox"/>	65	4	Emergency Response Training Center Improvements Phase III (based upon 2015 Master Plan update)					1,000.0
<input type="checkbox"/>	58	5	Eastern Dutchess Government Center Phase II (Based upon 2015 Master Plan Update)					1,500.0
<input checked="" type="checkbox"/>	58	6	New Pavilion in Bowdoin Park					500.0
<input checked="" type="checkbox"/>	49	7	HVAC Piping & Infrastructure Replacement Program at Various Buildings (based upon Hazmat & Infrastructure Survey 2014)					750.0
TOTAL - Public Works - Buildings Division			5,185.0	5,185.0	2,600.0	4,750.0	3,350.0	6,750.0

Table 3

2014 - 2018 Capital Program Requests for Dutchess County

= New Project

Department Rating (DR)

Priority Rating (PR)

DR PR PROJECT			2014		2015	2016	2017	2018
			TOTAL	COUNTY	TOTAL	TOTAL	TOTAL	TOTAL
Public Works - Engineering Division								
2014								
<input type="checkbox"/>	101 1	Highway & Bridge Improvement & Reconstruction-County Funded	13,050.0	10,050.0				
<input type="checkbox"/>	99 2	Highway & Bridge Improvement & Reconstruction-Federal Aid	2,824.0	167.0				
2015								
<input type="checkbox"/>	101 1	Highway & Bridge Improvement & Reconstruction-County Funded			10,370.0			
<input type="checkbox"/>	99 2	Highway & Bridge Improvement & Reconstruction-Federal Aid			4,518.0			
2016								
<input type="checkbox"/>	101 1	Highway & Bridge Improvement & Reconstruction-County Funded				9,150.0		
<input type="checkbox"/>	99 2	Highway & Bridge Improvement & Reconstruction-Federal Aid				14,329.0		

Table 3**2014 - 2018 Capital Program Requests for Dutchess County** = New Project**Department Rating (DR)****Priority Rating (PR)**

DR	PR	PROJECT	2014		2015	2016	2017	2018
			TOTAL	COUNTY	TOTAL	TOTAL	TOTAL	TOTAL
2017								
<input type="checkbox"/>	101 1	Highway & Bridge Improvement & Reconstruction-County Funded					10,299.0	
<input type="checkbox"/>	99 2	Highway & Bridge Improvement & Reconstruction-Federal Aid					5,907.0	
2018								
<input type="checkbox"/>	101 1	Highway & Bridge Improvement & Reconstruction-County Funded						9,150.0
<input type="checkbox"/>	99 2	Highway & Bridge Improvement & Reconstruction-Federal Aid						8,400.0
TOTAL - Public Works - Engineering Division			15,874.0	10,217.0	14,888.0	23,479.0	16,206.0	17,550.0

Table 3

2014 - 2018 Capital Program Requests for Dutchess County

= New Project

Department Rating (DR)

Priority Rating (PR)

DR PR PROJECT			2014 TOTAL COUNTY		2015 TOTAL	2016 TOTAL	2017 TOTAL	2018 TOTAL	
Public Works - Parks									
2014									
<input checked="" type="checkbox"/>	72	1	Harlem Valley Rail Trail Rehabilitation	85.0	85.0				
<input checked="" type="checkbox"/>	76	2	Electrical Upgrades at Bowdoin and Wilcox Parks	80.0	80.0				
2015									
<input checked="" type="checkbox"/>	71	1	Quiet Cove -Phase III			60.0			
2018									
<input checked="" type="checkbox"/>	56	1	Wilcox Park Access Road widening	Scope and Cost to be determined					
TOTAL - Public Works - Parks				165.0	165.0	60.0			
TOTAL - ALL DEPARTMENTS				27,727.0	20,794.2	19,398.0	29,559.0	30,446.0	

Table 4

2014 - 2018 Capital Program Requests for Water and Wastewater Authority (\$000)

= New Project

Department Rating (DR)

Priority Rating (PR)

24	DR	PR	PROJECT	2014		2015 TOTAL	2016 TOTAL	2017 TOTAL	2018 TOTAL
				TOTAL	COUNTY				
2014									
<input type="checkbox"/>	76	1	Central Dutchess Water Transmission Line Water Storage Facility	362.0	0.0				
2015									
<input type="checkbox"/>	76	1	Central Dutchess Water Transmission Line Water Storage Facility			2,388.2			
2016									
<input type="checkbox"/>	76	1	Central Dutchess Water Transmission Line Water Storage Facility				6,975.0		
2017									
<input type="checkbox"/>	76	1	Central Dutchess Water Transmission Line Water Storage Facility					1,884.8	
TOTAL - Dutchess County Water & Wastewater Authority				362.0	0.0	2,388.2	6,975.0	1,884.8	

Table 5**2014 - 2018 Capital Program Requests for Dutchess Community College (\$000)** = New Project

Department Rating (DR)

Priority Rating (PR)

DR	PR	PROJECT	2014		2015	2016	2017	2018
			TOTAL	COUNTY	TOTAL	TOTAL	TOTAL	TOTAL
2014								
<input type="checkbox"/>	57	1	Campus Infrastructure Phase 2	1,700.0	850.0			
2015								
<input type="checkbox"/>	55	1	Campus Infrastructure - Phase 3			660.0		
<input type="checkbox"/>	57	2	Hudson Hall, DCC Main Campus			746.0		
<input type="checkbox"/>	52	3	Washington Hall MEP Improvements			460.0		
<input type="checkbox"/>	50	4	Falcon Hall Improvements			200.0		
2016								
<input type="checkbox"/>	50	1	Hudson Hall MEP Construction			2,389.6		
<input type="checkbox"/>	56	2	Drumlin & Dutchess Halls Design			934.0		
<input type="checkbox"/>	55	3	Taconic Hall Design			600.0		

Table 5**2014 - 2018 Capital Program Requests for Dutchess Community College (\$000)** = New Project

Department Rating (DR)

Priority Rating (PR)

DR	PR	PROJECT	2014		2015	2016	2017	2018
			TOTAL	COUNTY	TOTAL	TOTAL	TOTAL	TOTAL
2017								
<input type="checkbox"/>	48	1	CBI Classroom Infill Renovation				3,206.0	
<input type="checkbox"/>	52	2	Taconic Hall Phase 1 Renovation				5,400.0	
<input type="checkbox"/>	56	3	Drumlin and Dutchess Halls Renovation/New Construction				13,610.0	
<input type="checkbox"/>	53	4	Hudson Hall Design				1,395.0	
2018								
<input type="checkbox"/>	48	1	Falcon Hall Renovation & Infill					9,171.0
<input type="checkbox"/>	51	2	Hudson Hall Renovations Phase 1					6,495.8
TOTAL - Dutchess Community College			1,700.0	850.0	2,066.0	3,923.6	23,611.0	15,666.8

Table 6**2014 - 2018 Capital Program Requests for Vehicles and Equipment (\$000)**

= New Project
 Priority Rating (PR)

PR	PROJECT	2014		2015 TOTAL	2016 TOTAL	2017 TOTAL	2018 TOTAL
		TOTAL	COUNTY				
Public Works - Highway Construction & Maintenance							
2014							
<input type="checkbox"/>	1	55,000 GVW 4x4 Truck (two trucks)	584.0	584.0			
<input type="checkbox"/>	2	Gradall Rubber Tire Excavator	315.0	315.0			
<input type="checkbox"/>	3	18" Brush Chipper	110.0	110.0			
<input type="checkbox"/>	4	Tractor with 21 ft. Boom Mower	150.0	150.0			
<input type="checkbox"/>	5	Boom mower attachment	40.0	40.0			
<input type="checkbox"/>	6	Sand Pro 5040 tractor	25.0	25.0			
<input type="checkbox"/>	7	Auto Center: Replace 12 Passenger, Maintenance, Support Vehicles	401.0	401.0			
<input type="checkbox"/>	8	Replacement of two old mowers	22.0	22.0			
<input type="checkbox"/>	9	John Deere 344 J (mini-loader)	125.0	125.0			

Table 6**2014 - 2018 Capital Program Requests for Vehicles and Equipment (\$000)**

= New Project
 Priority Rating (PR)

PR	PROJECT	2014		2015 TOTAL	2016 TOTAL	2017 TOTAL	2018 TOTAL
		TOTAL	COUNTY				
<input type="checkbox"/> 10	Auto Center: 35 Police Patrol cars marked/unmarked	888.0	888.0				
2015							
<input type="checkbox"/> 1	Crew cab utility unit truck			175.0			
<input type="checkbox"/> 2	55,000 GVW 4x4 truck (two trucks)			590.0			
<input type="checkbox"/> 3	Mack Tractor Truck			130.0			
<input type="checkbox"/> 4	Skid Steer Loader			90.0			
<input type="checkbox"/> 5	Auto Center: Replace 4 Passenger, Maintenance, Support Vehicles			110.0			
<input type="checkbox"/> 6	Auto Center: 35 Police Patrol cars marked/unmarked			897.0			
2016							
<input type="checkbox"/> 1	Six-man crew cab truck				175.0		
<input type="checkbox"/> 2	Tractor with 21 ft. Boom mower				150.0		
<input type="checkbox"/> 3	55,000 GVW 4x4 truck (two trucks)				596.0		

Table 6**2014 - 2018 Capital Program Requests for Vehicles and Equipment (\$000)**

= New Project
 Priority Rating (PR)

PR	PROJECT	2014		2015 TOTAL	2016 TOTAL	2017 TOTAL	2018 TOTAL
		TOTAL	COUNTY				
<input type="checkbox"/> 4	Auto Center: Replace 2 Passenger, Maintenance, Support Vehicles				97.8		
<input type="checkbox"/> 5	Auto Center: 35 Police Patrol cars marked/unmarked				906.0		
<input type="checkbox"/> 6	Snow Blower				575.0		
<input type="checkbox"/> 7	Gradall Rubber Tire Excavator				415.0		
2017							
<input type="checkbox"/> 1	Service Repair Truck					70.0	
<input type="checkbox"/> 2	Street Basin Cleaner					410.0	
<input type="checkbox"/> 3	56" Double Drum Compactor					73.0	
<input type="checkbox"/> 4	Grader					175.0	
<input type="checkbox"/> 5	Auto Center: Replace 1 Passenger, Maintenance, Support Vehicles					42.0	
<input type="checkbox"/> 6	Auto Center: 35 Police Patrol cars marked/unmarked					915.0	

Table 6**2014 - 2018 Capital Program Requests for Vehicles and Equipment (\$000)**

= New Project
 Priority Rating (PR)

PR	PROJECT	2014		2015 TOTAL	2016 TOTAL	2017 TOTAL	2018 TOTAL	
		TOTAL	COUNTY					
2018								
<input type="checkbox"/>	1	73" Double Drum compactor					91.0	
<input type="checkbox"/>	2	2,000 gallon flusher unit					210.0	
<input type="checkbox"/>	3	4x4 Backhoe					160.0	
<input type="checkbox"/>	4	Ten-Wheeler Dump/Sander (four vehicles)					1,120.0	
<input type="checkbox"/>	5	Auto Center: 35 Police Patrol cars marked/unmarked					924.0	
TOTAL - Public Works - Highway Construction & Maintenance			2,660.0	2,660.0	1,992.0	2,914.8	1,685.0	2,505.0
TOTAL - ALL VEHICLES & EQUIPMENT			2,660.0	2,660.0	1,992.0	2,914.8	1,685.0	2,505.0

Projects (\$000)

Central & Information Services

OCIS oversees automation for Dutchess County Government. The department mission is to use computer technologies to provide services to some 37 departments in support of their efforts, to work with local municipalities on countywide applications including Real Property Taxes and “IMAGIS”, our new GIS (Geographic Information Systems) Mapping system, and to head up the County’s e-Government development effort, which will provide Internet-based services to the public, businesses and other government agencies.

2014

2014 Aerial Photos & Planimetrics for GIS

\$160.0

This GIS-related project is to purchase a new high resolution set of aerial photos for Dutchess County to replace our last set of aerial photos flown in 2009. In addition, the project involves the update of structure, road edges, and parking lot planimetric layers using these new aerials.

The estimated \$160,000 for the aerial photos and planimetric updates are a sharp decrease from past estimated costs of \$270,000. This is due to efficiencies in technologies and focused upgrades to the planimetrics versus a complete data capture.

Projects (\$000)

Dutchess Community College

The capital program for Dutchess Community College (DCC) was developed in accordance with the Master Plan. Fifty percent of the capital construction costs are provided through New York State funds; thus, the proposed projects are subject to review and approval at the state level. The County portion of the capital construction costs is financed first through capital charge-back revenues. Capital charge-back revenues are monies for out-of-county students attending DCC paid by the county in which those students reside. Any projects for which the required County portion of the funding would exceed the available charge-back monies, would require the approval of a county bonding resolution to provide the additional funds needed.

2014

Campus Infrastructure Phase 2 **\$1,700.0**

Upgrade from 4160 volt to 13.2kV system: Phase two fo the electrical service improvement project will include the rmoval of the 4160 volt distribution system that serves Hudson Hall our largest academic building and Drumlin Hall, the campus dining center and replace it with a modern 13.2kv distribution system. This includes removing switchgear, transformers and high voltage cable that serve Hudson Hall and Drumlin Hall. The equipment is originalto the buildings and has become obsolete and unreliable. Three large 4160 volt step down transformers will be removed from inside Hudson Hall and replaced by two new 13.2 kV transformers that weill be mounted outside the building. The existing 4160 volt transformer that feeds Drumlin Hall will be replaced with a new 13.2 kV transformer and new feeder cables.

Upgrade to redundant utility capability: This project will also encompass the replacement of 1 of the colleges 2 main electrical service switches. The switchgear is 40 years old and has become undreliable and dangerous to operate. It currently serves Hudson, Drumlin and Washington Hall. The new swtch will feature the capability to connect to the colleges second electrical service locate west of Falcon Hall and allow us to swrtch between sources should one source fail. The upgrade of the this sweitch will require a new concreted pad and retaining wall to be constructed east of Washington Hall In order to provide adequate space for the servicing of the equipment.

Projects (\$000)

2015

Campus Infrastructure - Phase 3

\$660.0

Phase 3: This is the third phase of the three phase project and consists of Taconic Hall, Orcutt Student Services Building and the Greenspan Daycare Center.

Taconic Hall was constructed in 1963. This facility houses classrooms, offices and the nursery school. The Orcutt Student Services Building was built in 1966 with a significant renovation and addition completed in 2001. In addition to the student services departments, the Security and Health office are located in the building as well.

The primary electrical system for Taconic Hall and the Orcutt Center is original. Each one having its own 4160V primary system and three canister type transformers that step the voltage down to 120/208 and are located within the buildings.

The project will replace at each building, the switch gear, transformer and main cabling. The primary voltage will be increased to 13.2 V via a pad mounted transformer located outside each of the buildings. In addition, the existing 4160 pad mounted transformer located across from the Greenspan Daycare Center will be removed and replaced with switchgear to support the new primary service on campus.

Hudson Hall, DCC Main Campus

\$746.0

The improvements will include elevator controls to tie the new elevator into the existing elevators, will provide a new security floor locking system, colling towers and miscellaneous repairs.

Conduct an energy assessment and life cycle cost analysis to calculate the long term benefits of recladding the building with an insulated curtainwall system as well as the replacement of windows and seals. This project will also cover the design of the MEP SYstem for Hudson Hall to include;

- 1) part of the HVAC system has been rehabilitated however the remaining system that serves the upper two floors of the building are in very poor condition. The boilers and burners are all original to the building. Therefore, it is necessary to replace one of three boilers and the unit ventilators.
- 2) Roof mediation at penetration is necessary as the tar at the roof membrane terminations is cracking and the terminations are generally in poor condition.
- 3) The electrical system for the building is out of date and needs to be updated with new switch gear, transformer and main cabling.
- 4) Emergency generator size upgrade to supply emergency power to HVAC equipment and additional emergency lighting.

Projects (\$000)

Washington Hall MEP Improvements **\$460.0**

The Washington Hall improvements include repairs to the deteriorating modular retaining wall at the loading dock. Relocating and replace the lab exhaust intake louvers to correct indoor air quality concerns. Lab exhaust louvers need to be relocated to the North wall exposure to provide additional separation from the intake louvers, and to negate carry over from prevailing winds. Work would involve ductwork modifications, relocation of three or four exhaust fans within the mechanical room and the addition of an exhaust louver.

Falcon Hall Improvements **\$200.0**

This project includes the following components:
1) Exterior brick veneer remediation and control joints. There are no control joints in the brick façade and the brick veneer is cracking at every outside corner. 2) Flashing replacement at the precast panels that is falling

2016

Hudson Hall MEP Construction **\$2,389.6**

The Hudson Hall project includes the following:

Part of the HVAC system has been rehabilitated however the remaining system that serves the upper two floors of the building are in very poor condition and the boilers and burners are all original to the building. Therefore, it is necessary to replace one of three boilers and the unit ventilators.

Roof remediation at penetration is necessary as the tar at the roof membrane termination is cracking and the terminations are generally in poor condition.

The electrical system for the building is out of date and needs to be updated with new switch gear, transformer and main cabling.

Emergency generator size upgrade to supply emergency power to HVAC equipment and additional emergency lighting.

Drumlin & Dutchess Halls Design **\$934.0**

To design an addition and renovations for Dutchess and Drumlin Halls that will include MEP systems, roof, windows, finishes, new student oriented spaces and a new circulation system between the two building as well as between the two buildings and the campus.

Taconic Hall Design **\$600.0**

To Design the addition and renovations to Taconic Hall; this will provide additional classrooms, computer labs, faculty offices and lounge areas. In the existing areas, the existing single glazed windows will be replaced; as well as the HVAC, Electrical, Plumbing and Fire Protection Systems will be upgraded. The building will include handicap accessibility.

Projects (\$000)

2017

CBI Classroom Infill Renovation **\$3,206.0**

Construct additional classroom space and renovate the instructional media area and loading dock. This will necessitate the infill over the television studios to provide two additional classrooms and the redesign of the first floor instructional media an loading dock areas to accommodate the relocation of the music department to the CBI Building.

Taconic Hall Phase 1 Renovation **\$5,400.0**

Taconic Hall has net been renovated, with the exception of minor renovations undertaken after a fire. All finishes are original to the building and the mechanical and electrical systems are original to the building and are in poor conditions. The renovations will upgrade the finishes and lighting fixtures throughout the building. Also, the existing single glazed windows will be replaced as well as the HVAC, Electrical, Plumbing and Fire Protections Systems will be upgraded. In addition to the systems' replacements renovations will include handicapped accessibility.

Drumlin and Dutchess Halls Renovation/New Construction **\$13,610.0**

The addition to Dutchess and Drumlin Halls will provide better access between the north and south parts of the campus and will provide new student oriented spaces and a new circulation system. The renovations will include MEP systems upgrades, roof repairs, window replacements and upgraded finishes.

Hudson Hall Design **\$1,395.0**

To design the renovations which will include skin recladding with an energy efficient cladding, replacement of the current single glazed windows, skylight replacements and a boiler replacement. In addition, the fourth and fifth floors that were not renovated during 2001 will be renovated and upgraded for classroom reconfigurations and upgrades of interior finishes.

2018

Falcon Hall Renovation & Infill **\$9,171.0**

Renovations fro Falcon Hall will include MEP system upgrades, interior finishes, locker reconfiguration, windows, roof and an addition for additional athletic space. Renovations are necessary as the main buildings MEP Systems are out of date and in poor condition, the Roof is in need of repairs and the windows are original to the building and the steel frames are rusting. In addition to provide better access for the student the lockers rooms are in need of renovations and additional athletic space is required.

Hudson Hall Renovations Phase 1 **\$6,495.8**

The renovations will include skin recladding with an energy efficient cladding, replacement of the current single glazed windows, skylight replacements and a boiler replacement. In addition the fourth and fifth floors that were not renovated during 2001 will be renovated and upgraded for classroom reconfigurations and upgrades of interior finishes.

Projects (\$000)

Planning & Development

The Department of Planning and Development is responsible for comprehensive countywide planning, economic development coordination and planning, review of local zoning referrals, planning assistance to local governments, community development block grant implementation, urbanized area transportation planning, public information, citizen participation, and transportation.

2014

Open Space & Farmland Protection **\$1,000.0**

The Partnership for Manageable Growth includes a matching grant fund to provide a match for available Federal, State, municipal and/or other funds in order to protect Dutchess County open space and farmland.

2015

Open Space & Farmland Protection **\$1,000.0**

The Partnership for Manageable Growth includes a matching grant fund to provide a match for available Federal, State, municipal and/or other funds in order to protect Dutchess County open space and farmland.

2016

Open Space & Farmland Protection **\$1,000.0**

The Partnership for Manageable Growth includes a matching grant fund to provide a match for available Federal, State, municipal and/or other funds in order to protect Dutchess County open space and farmland.

2017

Open Space & Farmland Protection **\$1,000.0**

The Partnership for Manageable Growth includes a matching grant fund to provide a match for available Federal, State, municipal and/or other funds in order to protect Dutchess County open space and farmland.

2018

Open Space & Farmland Protection **\$1,000.0**

The Partnership for Manageable Growth includes a matching grant fund to provide a match for available Federal, State, municipal and/or other funds in order to protect Dutchess County open space and farmland.

Projects (\$000)

Public Transportation

The primary mission of the Division of Public Transportation (LOOP) is to provide Dutchess County with a safe, efficient, accessible and reliable public transportation system.

2017

Transit Bus Replacement **\$6,525.0**

Replace fifteen (15) medium duty buses with fifteen (15) heavy duty buses in 2017 and possibly replace eight (8) medium duty buses with eight (8) heavy duty buses in 2018.

Public Works - Aviation

Dutchess County Airport serves a broad base of aviation-related activities. The continued maintenance of facilities for general aviation is important for economic development.

2014

Rehabilitate Taxiway "B" and Stub Taxiways "A" & "C" (Construction) **\$1,263.0**

Rehabilitate Taxiway "B" and Stub Taxiways "A" & "C" Construction Phase.

Realign Taxiway "A" (Design) **\$80.0**

Realign Taxiway "A" Design Phase

Terminal Building Rehabilitation **\$4,000.0**

Interior and exterior improvements which include, replacement of the failing windows, upgrade to entrances to include handicap accessibility, replacement of the HVAC, flooring and rehabilitation of the exterior finish in the Terminal Building.

2015

Realign Taxiway "A" (Construction) **\$650.0**

Realign Taxiway "A" Construction Phase

Off-Airport Obstruction Removal Environmental Assessment **\$200.0**

Environmental assessment to remove off-airport tree obstructions.

2016

Realign Taxiway "B" (Runway 15 end) (Design) **\$80.0**

Realign Taxiway "B" design phase (Runway 15 end).

Projects (\$000)

Off-Airport Obstruction Removal AER 6 (Design) \$250.0

Selective removal of tree obstructions west of airport, under the Runway 6 approach. (Design phase)

2017

Realign Taxiway "B" (Runway 15 end) (Construction) \$650.0

Realign Taxiway "B" (Runway 15 end) Construction Phase

Realign Taxiway "B" (Runway 33 end) (Design) \$80.0

Realign Taxiway "B" (Runway 33 end) Design Phase.

Off-Airport Obstruction Removal AER 6 (Construction) \$2,500.0

Selective removal of tree obstruction west of airport, under Runway 6 approach. Construction Phase.

Off-Airport Obstruction Removal Runway 15-33 (Design) \$135.0

Remove tree obstructions in the 15-33 approaches. (Design Phase)

2018

Off-Airport Obstruction Removal 15-33 (Construction) \$1,365.0

Remove tree obstructions in the 15-33 approaches. (Construction).

Realign Taxiway "B" (Runway 33 end) (Construction) \$650.0

Realign Taxiway "B" (Runway 33 end) Construction Phase.

Public Works - Buildings Division

The Buildings Division of the Dutchess County Department of Public Works has the responsibility for the rehabilitation and maintenance of County-owned buildings, parking lots, and other facilities.

2014

**Energy Efficiency Improvements at Various County Facilities \$750.0
(based upon Economic Stimulus energy audits)**

Energy efficiency improvements at various County facilities to be determined, estimated and prioritized based upon the building & energy audits performed through the Energy Efficiency and Conservation Block Grant (EECBG) funding opportunity of the federal American Recovery and Reinvestment Act (ARRA) of 2009 to Dutchess County.

Projects (\$000)

Emergency Response Equipment Garage Expansion \$350.0

New equipment garage for storage of materials and trucks.

Auto Service Center Operational and Interior Improvements \$1,000.0

Improvements to the interior space of the Auto Center’s main building; resurfacing of the exterior lot; construction of a salt shed; replacement of vehicle lifts and overhead doors.

Roof Replacement at 170 Washington Street \$800.0

Replace existing roof at 170 Washington St. Records/Storage Building.

Sanitary System Repairs at 47 Cannon Street \$150.0

Repair sewer drainage pipe system and construct separated stormwater drainage system.

County-Wide Hazmat & Infrastructure Survey & Budget Report \$450.0

County-wide study needed to determine hazardous materials that would impact future HVAC piping upgrades and all other construction activities throughout county buildings to comply with OSHA requirements.

Emergency Generators at Various Buildings \$1,685.0

Furnish & install emergency generators at various County buildings, including the Sheriff’s law enforcement building, 22 Market Street (COB) and 60 Market Street (DSS). Install an emergency generator at 230 North Road (DMH). There is potential for up to 75% federal aid to offset the cost of the generators.

Jail Capacity Expansion Final Design & Construction Cost to be determined

Design and construction of additional jail capacity at either the current location or a new site. The project is necessary to house current and projected inmate populations in order to reduce or eliminate the need to house out inmates in other counties. This project appears in 2014 and 2015 as it is uncertain at this point which year Legislative authorization will be requested.

2015

**Energy Efficiency Improvements at Various County Facilities \$750.0
(based upon Economic Stimulus energy audits)**

Energy efficiency improvements at various County facilities to be determined, estimated and prioritized upon the building and energy audits performed through the Energy Efficiency and Conservation Block Grant (EECBG) funding opportunity of the Federal American Recovery and Reinvestment Act (ARRA) of 2009 and Dutchess County.

Roof Replacement Program at Various County Buildings \$750.0

Replace existing roofs as required per the 2009 Roof Master Plan.

Projects (\$000)

HVAC Piping & Infrastructure Replacement Program at Various Buildings (based upon Hazmat & Infrastructure Survey 2014) **\$750.0**

Replace and upgrade HVAC/piping systems at various county-owned buildings.

Security & Safety Improvements at Public Transit Facility (LOOP) **\$250.0**

Add security fencing and gates to the 14 Commerce Street facility (LOOP).

DPW Complex & Eastern Dutchess Government Center & Emergency Response Master Plan Updates **\$100.0**

Update master plans for the DPW Campus; the E-911 Facility; and the Eastern Dutchess Government Center (EDGC).

Jail Capacity Expansion Final Design & Construction **Cost to be determined**

Design and construction of additional jail capacity at either the current location or a new site. The project is necessary to house current and projected inmate populations in order to reduce or eliminate the need to house out inmates in other counties. This project appears in 2014 and 2015 as it is uncertain at this point which year Legislative authorization will be requested.

2016

Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits) **\$750.0**

Energy efficiency improvements at various County facilities to be determined, estimated and prioritized upon the building and energy audits performed through the Energy Efficiency and Conservation Block Grant (EECBG) funding opportunity of the Federal American Recovery and Reinvestment Act (ARRA) of 2009 and Dutchess County.

Roof Replacement Program at Various County Buildings **\$750.0**

Replace existing roofs as required per the 2009 Roof Master Plan.

HVAC Piping & Infrastructure Replacement Program at Various Buildings (based upon Hazmat & Infrastructure Survey 2014) **\$750.0**

Replace and upgrade HVAC/piping systems at various county-owned buildings.

Emergency Response Training Center, Phase II Expansion (based upon 2015 Master Plan update) **\$1,000.0**

Training Center expansion based on the 2014 Master Plan update.

Facility Information Database **\$500.0**

Provide additional detailed building information to manage 67 facilities, 186 buildings and 1.2 million square feet throughout Dutchess County.

Projects (\$000)

Replacement Education Center Building at Bowdoin Park **\$1,000.0**

Replacement Education Center Building at Bowdoin Park

2017

Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits) **\$750.0**

Energy efficiency improvements at various County facilities to be determined, estimated and prioritized based upon the building & energy audits performed through the Energy Efficiency and Conservation Block Grant (EECBG) funding opportunity of the federal American Recovery and Reinvestment Act (ARRA) of 2009 to Dutchess County.

Roof Replacement Program at Various County Buildings **\$750.0**

Replace existing roofs as required per the 2009 Roof Master Plan.

HVAC Piping & Infrastructure Replacement Program at Various Buildings (based upon Hazmat & Infrastructure Survey 2014) **\$750.0**

Replace and upgrade HVAC/piping systems at various county-owned buildings.

DPW Campus Improvements Phase II (based upon 2015 Master Plan update) **\$1,000.0**

Phased improvements to the main DPW Campus on Dutchess Turnpike in the Town of Poughkeepsie per the “Dutchess County Highway Facility Master Plan”, prepared by J. Paul Vosburgh, Architect, PC dated June 2004 (to be updated in 2014). The master Plan includes: office space, garage area; maintenance and repair area; storage areas; utility upgrades; security; parking and paving.

Phase II B-E includes improvements to the service garage and relocation of the fuel island and shed.

DPW Complex & Eastern Dutchess Government Center & Emergency Response Master Plan Updates **\$100.0**

Update master plans for the DPW Campus; the E-911 Facility; and the Eastern Dutchess Government Center (EDGC).

2018

Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits) **\$1,000.0**

Energy efficiency improvements at various County facilities to be determined, estimated and prioritized upon the building and energy audits performed through the Energy Efficiency and Conservation Block Grant (EECBG) funding opportunity of the Federal American Recovery and Reinvestment Act (ARRA) of 2009 and Dutchess County.

Projects (\$000)

Roof Replacement Program at Various County Buildings \$1,000.0

Replace existing roofs as required per the 2009 Roof Master Plan.

DPW Campus Improvements Phase III (Based upon 2015 Master Plan Update) \$1,000.0

Phased improvements to the main Highway Complex on Dutchess Turnpike in the Town of Poughkeepsie per the "Dutchess County Highway Facility Master Plan," prepared by J. Paul Vosburgh, Architect P.C., dated June, 2004 (to be updated in 2014). The Master Plan includes: office space; garage area; maintenance and repair area; storage areas; utility upgrades; security; parking and paving.

Phase III-A includes a new five bay maintenance garage addition.

Emergency Response Training Center Improvements Phase III (based upon 2015 Master Plan update) \$1,000.0

Phase III per the Emergency Response Master Plan 2014 update.

- Phase III - Training buildings power wash
- Masonry training building expansion/renovation
 - Training area blacktop
 - New site maintenance building
 - Sitework
 - Security

Eastern Dutchess Government Center Phase II (Based upon 2015 Master Plan Update) \$1,500.0

Renovation of West Wing; asbestos abatement and demolition of remaining structures. The North Wing was previously renovated in 2008 and will remain in service. The full scope of work and cost will be determined by the 2014 Master Plan Update.

New Pavilion in Bowdoin Park \$500.0

New Pavilion for Bowdoin Park

HVAC Piping & Infrastructure Replacement Program at Various Buildings (based upon Hazmat & Infrastructure Survey 2014) \$750.0

Replace and upgrade HVAC/piping systems at various county-owned buildings.

Projects (\$000)

Public Works - Engineering Division

The Engineering Division of the Dutchess County Department of Public Works is responsible for the engineering-related maintenance of county roadways. The Department maintains a total of 328 bridges and drainage structures with spans over five feet. The Dutchess County Highway System consists of 394 miles of roads with storm drainage and traffic control devices.

2014

Highway & Bridge Improvement & Reconstruction-County Funded \$13,050.0

Projects include construction, rehabilitation and maintenance of county-wide roads, bridges, drainage structures and traffic improvements. Annual deterioration of our transportation system, increased traffic volumes, safety issues, and drainage problems require an annual maintenance and rehabilitation program.

Highway & Bridge Improvement & Reconstruction-Federal Aid \$2,824.0

Projects include construction, rehabilitation and maintenance of county-wide roads, bridges, drainage structures and traffic improvements. Annual deterioration of our transportation system, increased traffic volumes, safety issues, and drainage problems require an annual maintenance and rehabilitation program.

2015

Highway & Bridge Improvement & Reconstruction-County Funded \$10,370.0

Projects include construction, rehabilitation and maintenance of county-wide roads, bridges, drainage structures and traffic improvements. Annual deterioration of our transportation system, increased traffic volumes, safety issues, and drainage problems require an annual maintenance and rehabilitation program.

Highway & Bridge Improvement & Reconstruction-Federal Aid \$4,518.0

Projects include construction, rehabilitation and maintenance of county-wide roads, bridges, drainage structures and traffic improvements. Annual deterioration of our transportation system, increased traffic volumes, safety issues, and drainage problems require an annual maintenance and rehabilitation program.

2016

Highway & Bridge Improvement & Reconstruction-County Funded \$9,150.0

Projects include construction, rehabilitation and maintenance of county-wide roads, bridges, drainage structures and traffic improvements. Annual deterioration of our transportation system, increased traffic volumes, safety issues, and drainage problems require an annual maintenance and rehabilitation program.

Projects (\$000)

Highway & Bridge Improvement & Reconstruction-Federal Aid **\$14,329.0**

Projects include construction, rehabilitation and maintenance of county-wide roads, bridges, drainage structures and traffic improvements. Annual deterioration of our transportation system, increased traffic volumes, safety issues, and drainage problems require an annual maintenance and rehabilitation program.

2017

Highway & Bridge Improvement & Reconstruction-County Funded **\$10,299.0**

Projects include construction, rehabilitation and maintenance of county-wide roads, bridges, drainage structures and traffic improvements. Annual deterioration of our transportation system, increased traffic volumes, safety issues, and drainage problems require an annual maintenance and rehabilitation program.

Highway & Bridge Improvement & Reconstruction-Federal Aid **\$5,907.0**

Projects include construction, rehabilitation and maintenance of county-wide roads, bridges, drainage structures and traffic improvements. Annual deterioration of our transportation system, increased traffic volumes, safety issues, and drainage problems require an annual maintenance and rehabilitation program.

2018

Highway & Bridge Improvement & Reconstruction-County Funded **\$9,150.0**

Projects include construction, rehabilitation and maintenance of county-wide roads, bridges, drainage structures and traffic improvements. Annual deterioration of our transportation system, increased traffic volumes, safety issues, and drainage problems require an annual maintenance and rehabilitation program.

Highway & Bridge Improvement & Reconstruction-Federal Aid **\$8,400.0**

Projects include construction, rehabilitation and maintenance of county-wide roads, bridges, drainage structures and traffic improvements. Annual deterioration of our transportation system, increased traffic volumes, safety issues, and drainage problems require an annual maintenance and rehabilitation program.

Projects (\$000)

Public Works - Parks

The Department of Public Works Parks, Recreation and Conservation Division is responsible for the development and maintenance of County parks (Wilcox, Bowdoin and Quiet Cove Riverfront Park), and the Dutchess County portion of the Harlem Valley Rail Trail and the Dutchess Rail Trail. Wilcox Park, located in the Town of Milan, covers 615 acres of mostly wooded terrain. Bowdoin Park, purchased by the County in 1975, includes 301 acres along the Hudson River in the Town of Poughkeepsie. Quiet Cove Riverfront Park is leased property of 27 acres along the Hudson River.

2014

Harlem Valley Rail Trail Rehabilitation \$85.0

Cut down encroaching trees, branches and bushes that have become a safety issue for riders , walkers and other users on the trail.
Cut back tree roots that are cracking pavement of trail in many areas; smooth down pavement or remove and patch areas of pavement that have been compromised by encroaching underground roots from trees adjacent to trail.

Electrical Upgrades at Bowdoin and Wilcox Parks \$80.0

- 1) Replace main electric transfer station outside of the Community Center/Administration office.
- 2) Replace overhead main electric line feeding Bowdoin Park with an underground line.
- 3) Replace existing main 3 phase electrical panel in Bowdoin Park office with new single phase panel.
- 4) Replace main Electrical line coming into Wilcox Park with an new underground line in conduit

2015

Quiet Cove -Phase III \$60.0

Develop additional riverside parking lot located in open field at the southern end of riverfront parcel; install floating dock.

2018

Wilcox Park Access Road widening Cost to be determined

I would like to re-locate the admission booth at Wilcox from its present location to the top of the hill overlooking the Lake, if the fence project for 2014 is not approved. This would require widening the access road from where it meets the exit road fork to the the parking lot between the lakes and the Park office which is approximately 3/10 mile.
12 trees would need to be cut to clear the shoulders for road widening.

Projects (\$000)

Water & Wastewater Authority

The Dutchess County Water and Wastewater Authority was created to identify and seek solutions to water and wastewater problems in the County. The provision of adequate central water and sewer service is crucial. The most common problems that municipalities face in implementing water and sewer projects are lack of funding and the inability to build future capacity into systems.

2014

Central Dutchess Water Transmission Line Water Storage Facility \$362.0

Water Storage Facility for the Central Dutchess Water Transmission Line. The final size and location of the storage facility will be determined as part of the project design process and will depend on the project participants and needs identified. Project costs are preliminary and based upon construction of a one million gallon elevated storage tank until other participants and their potential needs are identified. Phase One of the project, to occur in 2014 and 2015, would include an evaluation of potential sites, required environmental investigations, engineering design and land acquisition. Construction would proceed as Phase 2, potentially beginning in 2015, upon reaching agreement with project partners.

2015

Central Dutchess Water Transmission Line Water Storage Facility \$2,388.2

Water Storage Facility for the Central Dutchess Water Transmission Line. The final size and location of the storage facility will be determined as part of the project design process and will depend on the project participants and needs identified. Project costs are preliminary and based upon construction of a one million gallon elevated storage tank until other participants and their potential needs are identified. Phase One of the project, to occur in 2014 and 2015, would include an evaluation of potential sites, required environmental investigations, engineering design and land acquisition. Construction would proceed as Phase 2, potentially beginning in 2015, upon reaching agreement with project partners.

2016

Central Dutchess Water Transmission Line Water Storage Facility \$6,975.0

Water Storage Facility for the Central Dutchess Water Transmission Line. The final size and location of the storage facility will be determined as part of the project design process and will depend on the project participants and needs identified. Project costs are preliminary and based upon construction of a one million gallon elevated storage tank until other participants and their potential needs are identified. Phase One of the project, to occur in 2014 and 2015, would include an evaluation of potential sites, required environmental investigations, engineering design and land acquisition. Construction would proceed as Phase 2, potentially beginning in 2015, upon reaching agreement with project partners.

Projects (\$000)

2017

Central Dutchess Water Transmission Line Water Storage Facility **\$1,884.8**

Water Storage Facility for the Central Dutchess Water Transmission Line. The final size and location of the storage facility will be determined as part of the project design process and will depend on the project participants and needs identified. Project costs are preliminary and based upon construction of a one million gallon elevated storage tank until other participants and their potential needs are identified. Phase One of the project, to occur in 2014 and 2015, would include an evaluation of potential sites, required environmental investigations, engineering design and land acquisition. Construction would proceed as Phase 2, potentially beginning in 2015, upon reaching agreement with project partners.

FINANCIAL

The Capital Program must be viewed in the context of the County's ability to finance the recommended projects. Included in this section are tables reflecting anticipated funding sources for the Capital Program; a report on the financial status of all active projects; historical reviews of capital expenditures; outstanding indebtedness; annual debt service; debt authorized and unissued; and an analysis of the financial impact of the projects recommended for implementation in 2014.

Finances

Table 7 - Anticipated Funding Sources for the 2014 - 2018 Capital Program (\$000)

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2014				
Central & Information Services				
2014 Aerial Photos & Planimetrics for GIS	160.0	160.0		
Dutchess Community College				
Campus Infrastructure Phase 2	1,700.0	850.0	850.0	50% to be funded by SUNY Construction Fund/Dormitory Authority
Planning & Development				
Open Space & Farmland Protection	1,000.0	1,000.0		
Public Works - Aviation				
Rehabilitate Taxiway "B" and Stub Taxiways "A" & "C" (Construction)	1,263.0	63.2	63.2	NYS DOT
			1,136.7	FAA
Realign Taxiway "A" (Design)	80.0	4.0	4.0	NYS DOT
			72.0	FAA
Terminal Building Rehabilitation	4,000.0	4,000.0		

Finances

Table 7 - Anticipated Funding Sources for the 2014 - 2018 Capital Program (\$000)

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Buildings Division				
Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)	750.0	750.0		
Emergency Response Equipment Garage Expansion	350.0	350.0		
Auto Service Center Operational and Interior Improvements	1,000.0	1,000.0		
Roof Replacement at 170 Washington Street	800.0	800.0		
Sanitary System Repairs at 47 Cannon Street	150.0	150.0		
County-Wide Hazmat & Infrastructure Survey & Budget Report	450.0	450.0		
Emergency Generators at Various Buildings	1,685.0	1,685.0		
Jail Capacity Expansion Final Design & Construction	Scope and Cost to be Determined			
Public Works - Engineering Division				
Highway & Bridge Improvement & Reconstruction-County Funded	13,050.0	10,050.0	3,000.0	
Highway & Bridge Improvement & Reconstruction-Federal Aid	2,824.0	167.0	398.0	NYS DOT
			2,259.0	FHWA

Finances

Table 7 - Anticipated Funding Sources for the 2014 - 2018 Capital Program (\$000)

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Parks				
Harlem Valley Rail Trail Rehabilitation	85.0	85.0		
Electrical Upgrades at Bowdoin and Wilcox Parks	80.0	80.0		
Water & Wastewater Authority				
Central Dutchess Water Transmission Line Water Storage Facility	362.0	0.0	362.0	Various Sources
2015				
Dutchess Community College				
Campus Infrastructure - Phase 3	660.0	330.0	330.0	
Hudson Hall, DCC Main Campus	746.0	373.0	373.0	0
Washington Hall MEP Improvements	460.0	230.0	230.0	50% to be funded by the SUNY Construction Fund/Dormitory Authority
Falcon Hall Improvements	200.0	100.0	100.0	
Planning & Development				
Open Space & Farmland Protection	1,000.0	1,000.0		

Finances

Table 7 - Anticipated Funding Sources for the 2014 - 2018 Capital Program (\$000)

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Aviation				
Realign Taxiway "A" (Construction)	650.0	32.5	32.5 585.0	
Off-Airport Obstruction Removal Environmental Assessment	200.0	10.0	10.0 180.0	NYSDOT FAA
Public Works - Buildings Division				
Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)	750.0	750.0		
Roof Replacement Program at Various County Buildings	750.0	750.0		
HVAC Piping & Infrastructure Replacement Program at Various Buildings (based upon Hazmat & Infrastructure Survey 2014)	750.0	750.0		
Security & Safety Improvements at Public Transit Facility (LOOP)	250.0	25.0	25.0 200.0	NYSDOT FTA
DPW Complex & Eastern Dutchess Government Center & Emergency Response Master Plan Updates	100.0	100.0		
Jail Capacity Expansion Final Design & Construction	Scope and Cost to be Determined			
Public Works - Engineering Division				
Highway & Bridge Improvement & Reconstruction-County Funded	10,370.0	7,370.0	3,000.0	
Highway & Bridge Improvement & Reconstruction-Federal Aid	4,518.0	226.0	678.0 3,614.0	NYSDOT FHWA

Finances

Table 7 - Anticipated Funding Sources for the 2014 - 2018 Capital Program (\$000)

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Parks				
Quiet Cove -Phase III	60.0	60.0		
Water & Wastewater Authority				
Central Dutchess Water Transmission Line Water Storage Facility	2,388.2	2,340.1	48.1	Various Sources
2016				
Dutchess Community College				
Hudson Hall MEP Construction	2,389.6	1,194.8	1,194.8	
Drumlin & Dutchess Halls Design	934.0	467.0	467.0	
Taconic Hall Design	600.0	300.0	300.0	
Planning & Development				
Open Space & Farmland Protection	1,000.0	1,000.0		
Public Works - Aviation				
Realign Taxiway "B" (Runway 15 end) (Design)	80.0	4.0	4.0 72.0	
Off-Airport Obstruction Removal AER 6 (Design)	250.0	12.5	12.5 225.0	NYS DOT FAA

Finances

Table 7 - Anticipated Funding Sources for the 2014 - 2018 Capital Program (\$000)

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Buildings Division				
Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)	750.0	750.0		
Roof Replacement Program at Various County Buildings	750.0	750.0		
HVAC Piping & Infrastructure Replacement Program at Various Buildings (based upon Hazmat & Infrastructure Survey 2014)	750.0	750.0		
Emergency Response Training Center, Phase II Expansion (based upon 2015 Master Plan update)	1,000.0	1,000.0		
Facility Information Database	500.0	500.0		
Replacement Education Center Building at Bowdoin Park	1,000.0	1,000.0		
Public Works - Engineering Division				
Highway & Bridge Improvement & Reconstruction-County Funded	9,150.0	6,150.0	3,000.0	
Highway & Bridge Improvement & Reconstruction-Federal Aid	14,329.0	717.0	2,149.0	NYS DOT
			11,463.0	FHWA
Water & Wastewater Authority				
Central Dutchess Water Transmission Line Water Storage Facility	6,975.0	6,316.7	658.3	Various Sources

Finances

Table 7 - Anticipated Funding Sources for the 2014 - 2018 Capital Program (\$000)

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2017				
Dutchess Community College				
CBI Classroom Infill Renovation	3,206.0	1,603.0	1,603.0	
Taconic Hall Phase 1 Renovation	5,400.0	2,700.0	2,700.0	
Drumlin and Dutchess Halls Renovation/New Construction	13,610.0	6,805.0	6,805.0	
Hudson Hall Design	1,395.0	697.5	697.5	
Planning & Development				
Open Space & Farmland Protection	1,000.0	1,000.0		
Public Transportation				
Transit Bus Replacement	6,525.0	652.5	652.5	NYS DOT
			5,220.0	Federal Transit Administration
Public Works - Aviation				
Realign Taxiway "B" (Runway 15 end) (Construction)	650.0	32.5	32.5	
			585.0	
Realign Taxiway "B" (Runway 33 end) (Design)	80.0	4.0	4.0	
			72.0	
Off-Airport Obstruction Removal AER 6 (Construction)	2,500.0	125.0	125.0	NYS DOT
			2,250.0	FAA
Off-Airport Obstruction Removal Runway 15-33 (Design)	135.0	6.8	6.8	NYS DOT
			121.5	FAA

Finances

Table 7 - Anticipated Funding Sources for the 2014 - 2018 Capital Program (\$000)

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Buildings Division				
Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)	750.0	750.0		
Roof Replacement Program at Various County Buildings	750.0	750.0		
HVAC Piping & Infrastructure Replacement Program at Various Buildings (based upon Hazmat & Infrastructure Survey 2014)	750.0	750.0		
DPW Campus Improvements Phase II (based upon 2015 Master Plan update)	1,000.0	1,000.0		
DPW Complex & Eastern Dutchess Government Center & Emergency Response Master Plan Updates	100.0	100.0		
Public Works - Engineering Division				
Highway & Bridge Improvement & Reconstruction-County Funded	10,299.0	7,299.0	3,000.0	
Highway & Bridge Improvement & Reconstruction-Federal Aid	5,907.0	295.0	886.0	NYS DOT
			4,726.0	FHWA
Water & Wastewater Authority				
Central Dutchess Water Transmission Line Water Storage Facility	1,884.8	1,320.2	564.6	Various Sources

Finances

Table 7 - Anticipated Funding Sources for the 2014 - 2018 Capital Program (\$000)

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2018				
Dutchess Community College				
Falcon Hall Renovation & Infill	9,171.0	4,585.5	4,585.5	
<hr/>				
Hudson Hall Renovations Phase 1	6,495.8	3,247.9	3,247.9	
<hr/>				
Planning & Development				
Open Space & Farmland Protection	1,000.0	1,000.0		
<hr/>				
Public Works - Aviation				
Off-Airport Obstruction Removal 15-33 (Construction)	1,365.0	68.3	68.3	NYS DOT
			1,228.5	FAA
<hr/>				
Realign Taxiway "B" (Runway 33 end) (Construction)	650.0	32.5	32.5	NYS DOT
			585.0	FAA
<hr/>				

Finances

Table 7 - Anticipated Funding Sources for the 2014 - 2018 Capital Program (\$000)

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Buildings Division				
Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)	1,000.0	1,000.0		
Roof Replacement Program at Various County Buildings	1,000.0	1,000.0		
DPW Campus Improvements Phase III (Based upon 2015 Master Plan Update)	1,000.0	1,000.0		
Emergency Response Training Center Improvements Phase III (based upon 2015 Master Plan update)	1,000.0	1,000.0		
Eastern Dutchess Government Center Phase II (Based upon 2015 Master Plan Update)	1,500.0	1,500.0		
New Pavilion in Bowdoin Park	500.0	500.0		
HVAC Piping & Infrastructure Replacement Program at Various Buildings (based upon Hazmat & Infrastructure Survey 2014)	750.0	750.0		
Public Works - Engineering Division				
Highway & Bridge Improvement & Reconstruction-County Funded	9,150.0	6,150.0	3,000.0	
Highway & Bridge Improvement & Reconstruction-Federal Aid	8,400.0	420.0	1,260.0	NYS DOT
			6,720.0	FHWA
Public Works - Parks				
Wilcox Park Access Road widening	Scope and Cost to be Determined			

Finances

Table 7 Anticipated Funding Sources for the 2014 - 2018 Capital Program (\$000)

VEHICLES AND EQUIPMENT

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2014				
Public Works - Highway Construction & Maintenance				
55,000 GVW 4x4 Truck (two trucks)	584.0	584.0		
Gradall Rubber Tire Excavator	315.0	315.0		
18" Brush Chipper	110.0	110.0		
Tractor with 21 ft. Boom Mower	150.0	150.0		
Boom mower attachment	40.0	40.0		
Sand Pro 5040 tractor	25.0	25.0		
Auto Center: Replace 12 Passenger, Maintenance, Support Vehicles	401.0	401.0		
Replacement of two old mowers	22.0	22.0		
John Deere 344 J (mini-loader)	125.0	125.0		
Auto Center: 35 Police Patrol cars marked/unmarked	888.0	888.0		

Finances

**Table 7 Anticipated Funding Sources for the 2014 - 2018
Capital Program (\$000)**

VEHICLES AND EQUIPMENT

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2015				
Public Works - Highway Construction & Maintenance				
Crew cab utility unit truck	175.0	175.0		
55,000 GVW 4x4 truck (two trucks)	590.0	590.0		
Mack Tractor Truck	130.0	130.0		
Skid Steer Loader	90.0	90.0		
Auto Center: Replace 4 Passenger, Maintenance, Support Vehicles	110.0	110.0		
Auto Center: 35 Police Patrol cars marked/unmarked	897.0	897.0		

Finances

Table 7 Anticipated Funding Sources for the 2014 - 2018 Capital Program (\$000)

VEHICLES AND EQUIPMENT

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2016				
Public Works - Highway Construction & Maintenance				
Six-man crew cab truck	175.0	175.0		
Tractor with 21 ft. Boom mower	150.0	150.0		
55,000 GVW 4x4 truck (two trucks)	596.0	596.0		
Auto Center: Replace 2 Passenger, Maintenance, Support Vehicles	97.8	97.8		
Auto Center: 35 Police Patrol cars marked/unmarked	906.0	906.0		
Snow Blower	575.0	15.0	560.0	
Gradall Rubber Tire Excavator	415.0	415.0		

Finances

Table 7 Anticipated Funding Sources for the 2014 - 2018 Capital Program (\$000)

VEHICLES AND EQUIPMENT

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2017				
Public Works - Highway Construction & Maintenance				
Service Repair Truck	70.0	70.0		
Street Basin Cleaner	410.0	410.0		
56" Double Drum Compactor	73.0	73.0		
Grader	175.0	175.0		
Auto Center: Replace 1 Passenger, Maintenance, Support Vehicles	42.0	42.0		
Auto Center: 35 Police Patrol cars marked/unmarked	915.0	915.0		

Finances

**Table 7 Anticipated Funding Sources for the 2014 - 2018
Capital Program (\$000)**

VEHICLES AND EQUIPMENT

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2018				
Public Works - Highway Construction & Maintenance				
73" Double Drum compactor	91.0	91.0		
2,000 gallon flusher unit	210.0	210.0		
4x4 Backhoe	160.0	160.0		
Ten-Wheeler Dump/Sander (four vehicles)	1,120.0	1,120.0		
Auto Center: 35 Police Patrol cars marked/unmarked	924.0	924.0		

Finances

Table 8 Current Capital Projects (\$000) August 31, 2013

Project	Code	Appropriation as of 08/31/2013	Encumbered and Expended as of 08/31/2013	Unencumbered Balance as of 08/31/2013
Dutchess Community College				
DCC Bowne Hall Roof Replacement	HC0437	\$691.45	\$450.00	\$241.45
DCC Campus Plan/Infrastructure I	HC0448	\$725.00	\$333.00	\$392.00
General Service				
Repl Undgrnd Fuel Tanks- Phse 2	H0285	\$2,393.00	\$2,125.89	\$267.11
Financial Management System	H0340	\$3,500.00	\$3,257.91	\$242.09
Renovation - Eastern Dutchess CE	H0341	\$7,156.00	\$7,137.46	\$18.54
2006 Cty Bld & Bld Reconstructio	H0368	\$10,891.04	\$9,971.51	\$919.53
2007 Eastern Dutchess Geothermal	H0387	\$673.42	\$641.45	\$31.97
Emergency Response-Geothermal	H0392	\$810.78	\$800.92	\$9.86
ARRA - EECBG	H0416	\$2,328.80	\$2,272.56	\$56.24
2010 Building Reconstruction	H0420	\$1,439.25	\$930.77	\$508.48
Replacement - Telephone System	H0421	\$3,550.00	\$3,411.36	\$138.64
2011 Acquisition 170 Washington St.	H0424	\$4,967.86	\$4,879.55	\$88.31
Roof Repl. & Rooftop HVAC Improv.	H0429	\$1,530.15	\$1,406.74	\$123.41
County Vehicles & Fuel Pumps	H0430	\$690.84	\$579.50	\$111.34
DPW Capital Equipment	H0432	\$1,446.32	\$1,196.83	\$249.49
Energy Efficiency Building Improv.	H0433	\$499.60	\$465.23	\$34.37
2012 Vehicle Bond	H0438	\$1,998.00	\$1,943.52	\$54.48
2012 Equipment	H0441	\$493.89	\$468.56	\$25.33
2012 DPW Buildings Bond	H0442	\$252.50	\$96.59	\$155.91
2012 DPW Building Demolition (Nelson House)	H0446	\$1,767.50	\$1,119.88	\$647.62

Finances

Table 8 Current Capital Projects (\$000) August 31, 2013

Project	Code	Appropriation as of 08/31/2013	Encumbered and Expended as of 08/31/2013	Unencumbered Balance as of 08/31/2013
Enterprise Content Management System	H0449	\$960.00	\$804.62	\$155.38
2013 Auto Center Vehicle Bond	H0452	\$828.20	\$21.81	\$806.39
DPW Eneyg Efficiency Building Improvements	H0455	\$388.81	\$19.40	\$369.41
Home and Community Service				
2006 Preservation of Open Spaces	H0371	\$2,799.52	\$2,794.53	\$4.99
Open Space - 2008	H0400	\$5,262.02	\$4,473.72	\$788.30
Recreation				
Dutchess Rail Trail	H0291	\$1,775.00	\$1,773.22	\$1.78
HVR Trail Phase IV	H0360	\$250.00	\$193.47	\$56.53
2006 Parks Plan	H0372	\$12,778.00	\$8,835.77	\$3,942.23
Stadium Capital Improvement	H0373	\$431.05	\$206.03	\$225.02
Dutchess Rail Trail Extension	H0399	\$4,470.00	\$2,154.04	\$2,315.96
Dutchess Rail Trail Stage 3	H0412	\$8,065.48	\$4,521.64	\$3,543.84
Parks Capital Projects	H0434	\$2,377.55	\$933.30	\$1,444.25
Dutchess Rail Stage 4	H0436	\$7,410.00	\$6,746.95	\$663.05
Stadium Improvements	H0450	\$1,010.00	\$65.96	\$944.04
Safety				
Facility Security Upgrades	H0342	\$1,510.00	\$1,486.91	\$23.09
Criminal Justice System	H0348	\$2,650.00	\$2,475.64	\$174.36
Emergency Response Training Room	H0358	\$6,825.00	\$6,753.85	\$71.15
E-911 Telephone System	H0402	\$1,219.80	\$986.90	\$232.90
Jail Security System	H0414	\$200.00	\$200.00	\$0.00

Finances

Table 8 Current Capital Projects (\$000) August 31, 2013

Project	Code	Appropriation as of 08/31/2013	Encumbered and Expended as of 08/31/2013	Unencumbered Balance as of 08/31/2013
DC Jail Security & Comm. System	H0422	\$3,456.60	\$2,600.60	\$856.00
E-911 Radio System Amendments	H0426	\$360.61	\$355.98	\$4.63
Jail Project - Design Phase	H0456	\$1,212.00	\$0.00	\$1,212.00
Transportation (Roads & Bridges)				
1997 Roads & Bridges-ISTEA	H0244	\$6,218.00	\$5,951.12	\$266.88
1997 Bridge & Road - Serial Bond	H0245	\$4,925.00	\$4,923.97	\$1.03
2000 Bridges- ISTE/TEA 21	H0289	\$15,000.00	\$7,704.17	\$7,295.83
2000 Roads (ISTEA/TEA 21)	H0290	\$10,238.00	\$2,885.06	\$7,352.94
Highway & Bridges Reconstruction	H0365	\$4,553.27	\$4,342.80	\$210.47
2007 Bridges - ISTE	H0383	\$6,066.91	\$96.22	\$5,970.69
2007 Roads - ISTE	H0384	\$27,909.70	\$32.91	\$27,876.79
2007 Co. Roads & Bridges - CHIPS	H0385	\$5,531.93	\$5,046.74	\$485.19
Highway and Bridge Program 2008	H0398	\$5,558.42	\$3,287.49	\$2,270.93
2009 Road & Bridge Improvements	H0409	\$5,042.15	\$3,732.79	\$1,309.36
2009 Fed Stimulus Infrastructure	H0410	\$8,280.00	\$7,366.31	\$913.69
2010 Highway Equipment	H0418	\$1,209.98	\$1,096.26	\$113.72
2010 Highway & Bridge Improvemen	H0423	\$2,593.00	\$2,592.93	\$0.07
Highway & Bridge Capital Projects	H0431	\$4,921.18	\$4,064.90	\$856.28
2012 Highway & Bridge Improv.	H0439	\$4,309.11	\$3,105.35	\$1,203.76
2013 Highway & Bridge Improv.	H0451	\$6,541.94	\$133.24	\$6,408.70
DPW Capital Equipment Bond	H0453	\$849.41	\$143.97	\$705.44
Transportation - Aviation				
Airport Balefill Project	EA0386	\$3,120.00	\$2,082.41	\$1,037.59

Finances

Table 8 Current Capital Projects (\$000) August 31, 2013

Project	Code	Appropriation as of 08/31/2013	Encumbered and Expended as of 08/31/2013	Unencumbered Balance as of 08/31/2013
2007 Airport Improvements	EA0389	\$1,565.89	\$1,520.87	\$45.02
Airport Impr. and Fire Veh.	EA0415	\$1,025.00	\$926.29	\$98.71
2011 FAA Projects	EA0427	\$1,956.00	\$1,916.45	\$39.55
2012 FAA Projects	EA0443	\$1,080.00	\$1,071.77	\$8.23
2012 DPW Airport Fuel Tanks	EA0445	\$76.00	\$17.62	\$58.38
2013 Airport Improvements	EA0454	\$2,497.05	\$0.00	\$2,497.05
Transportation - Loop Bus				
Bus/Vehicles & Water System	ET0327	\$2,178.50	\$2,176.55	\$1.95
Mass Trans Bld & Bld Reconstruct	ET0368	\$450.46	\$382.85	\$67.61
2009 Loop Project	ET0411	\$1,182.63	\$1,178.95	\$3.68
2009 Federal Stimulus - Buses	ET0413	\$2,785.00	\$2,785.00	\$0.00
Building Reconstr for Bus Garage	ET0420	\$1,699.71	\$1,380.66	\$319.05
2011 Capital Equip. & Improv.	ET0428	\$977.50	\$66.89	\$910.61
Fuel Tank & Site Rehab.	ET0435	\$2,500.00	\$16.02	\$2,483.98
Bus Replacement	ET0440	\$3,368.34	\$2,104.75	\$1,263.59
2012 DPW Buildings Bond	ET0442	\$100.10	\$0.06	\$100.04
Grand Total		\$260,355.22	\$166,026.94	\$94,328.28

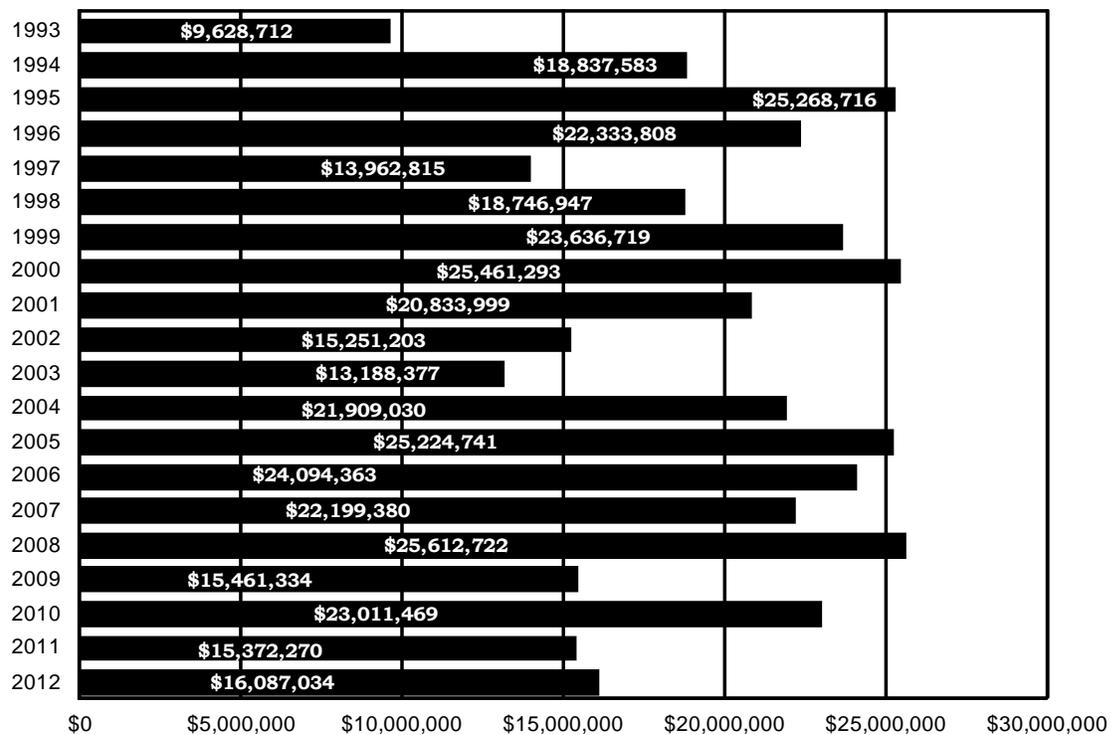
Finances

CAPITAL EXPENDITURE TRENDS

Capital outlays include expenditures for capital equipment and for construction, improvement and acquisition of fixed assets such as public buildings, roads, bridges and real property.

A twenty-year summary of capital outlays is provided in Table 9. In 2012 a total of \$16.0 million was expended for capital outlays.

Table 9
Capital Outlays, Dutchess County Government, 1993-2012



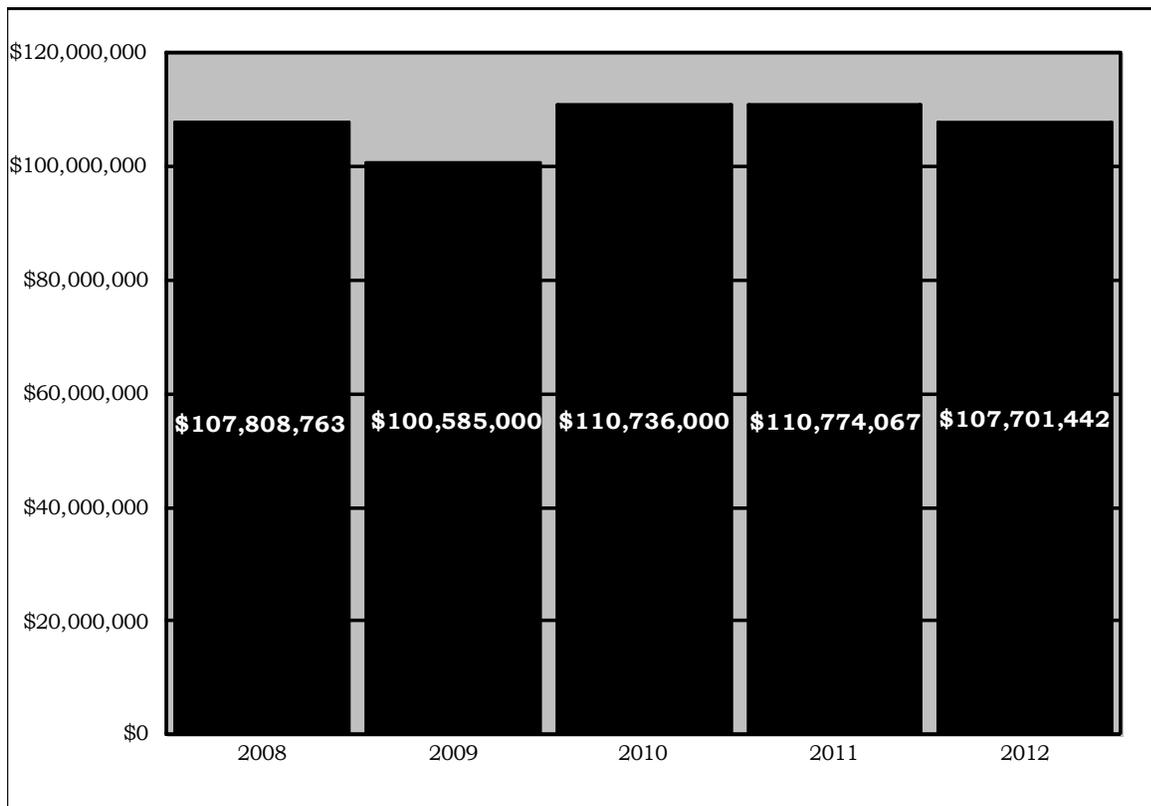
Source: State Comptroller's Annual Report Municipal Affairs, Dutchess County Department of Finance

Finances

INDEBTEDNESS

Table 10 provides a five-year summary of outstanding County indebtedness. Total outstanding indebtedness is projected to be \$99,520,521 on December 31, 2013.

Table 10
Total Outstanding Indebtedness,
Dutchess County Government 2008-2012



Finances

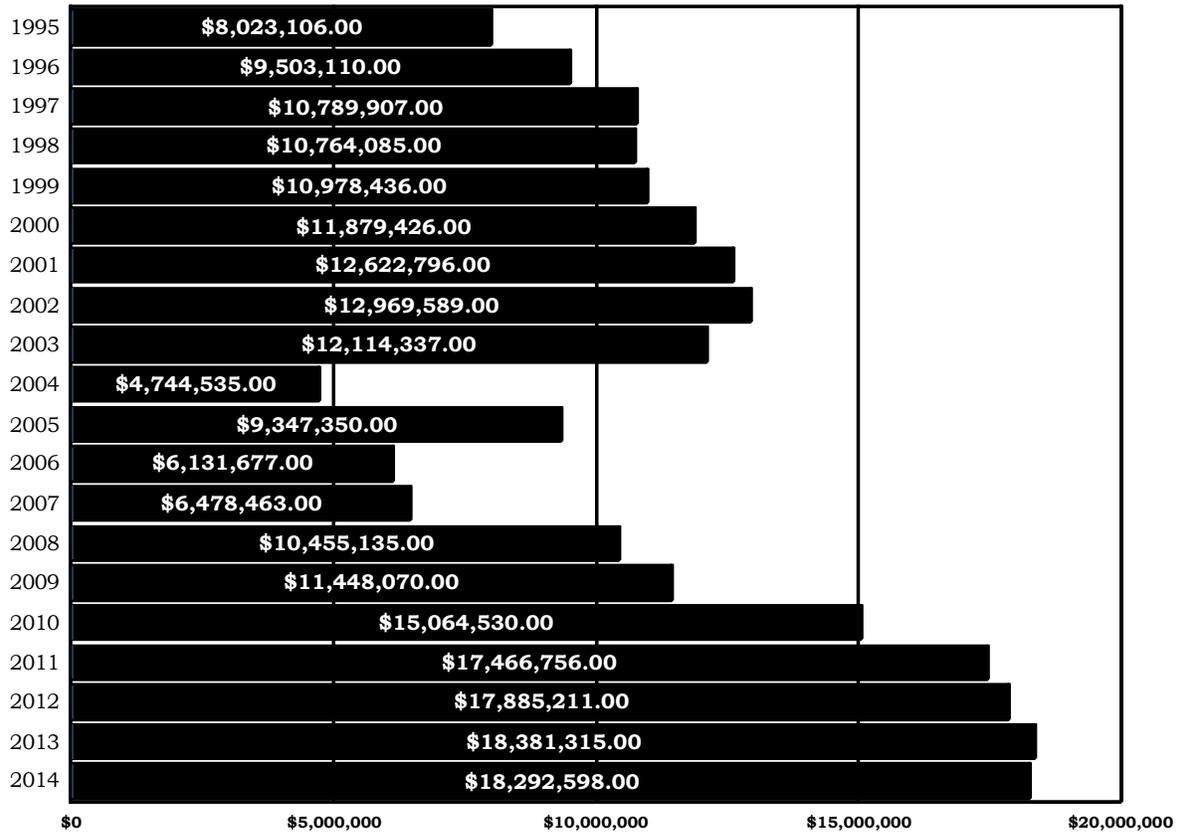
DEBT SERVICE

Debt service includes payment of principal and interest on bonds and notes. Table 11 provides a twenty-year summary of debt service payments.

The 2014 projected debt service expenditure (including projected borrowing to occur in November 2013) for projects already approved by the County Legislature is \$18,292,598.*

As of August 31, 2013, total County borrowing represented only 3.96 percent of its constitutional debt limit.

Table 11
Debt Service, Dutchess County Government 1995-2014



Source: State Comptroller's Annual Report on Municipal Affairs, Dutchess County Department of Finance

*Figure above includes 2014 debt service payments plus antipated borrowing in Nov 2013. Does not include borrowing projections for all unissued debt.

Finances

Table 12: Debt Authorized and Unissued 2013

Project	Code	Authorized	Issued	Unissued
2013 Air Improvements	EA0454	\$509,646.00	\$0.00	\$509,646.00
2007 Roads - ISTEA	H0384	\$2,816,064.00	\$1,060,000.00	\$1,756,064.00
Dutchess Rail Trail Extension	H0399	\$4,470,000.00	\$1,800,000.00	\$2,670,000.00
2012 DPW Building Demolition	H0446	\$1,767,500.00	\$1,150,000.00	\$617,500.00
Enterprise Content Mgt System	H0449	\$960,000.00	\$0.00	\$960,000.00
Stadium Improvements	H0450	\$1,010,000.00	\$0.00	\$1,010,000.00
2013 Highway & Bridge Improvements	H0451	\$3,535,000.00	\$0.00	\$3,535,000.00
2013 Auto Svc. Cntr. Vehicle Bond	H0452	\$828,200.00	\$0.00	\$828,200.00
DPW Capital Equipment Bond	H0453	\$849,410.00	\$0.00	\$849,410.00
DPW Energy Efficiency Building Impr.	H0455	\$384,911.00	\$0.00	\$384,911.00
Jail Project - Design Phase	H0456	\$1,212,000.00	\$0.00	\$1,212,000.00
DCC Campus Plan/Infrastructure I	HC0448	\$362,500.00	\$0.00	\$362,500.00
Total		\$18,705,231.00	\$4,010,000.00	\$14,695,231.00

Finances

The Dutchess County Department of Finance has prepared the following analysis of financial impact; this analysis provides the debt service costs for projects programmed for implementation in 2014.

Debt service for the first five (5) years of the projected November 2013 Serial Bond issue are as follows:

1st Year	\$529,169
2nd Year	\$518,275
3rd Year	\$507,380
4th Year	\$496,485
5th Year	\$485,591

The average debt service per year over the life of the bonds is \$387,718. The above information is based upon a bond issue of \$6,225,521 at 3.5% for 20 years. The balance in the Capital Reserve was \$4,568 as of December 31, 2012.

Computation of Debt Contracting Limitation	
2009	37,215,425,244
2010	35,565,856,484
2011	32,964,343,296
2012	31,894,692,728
2013	30,653,742,121

Total Five-Year Full Valuation	168,294,059,873
Average Five-Year Full Valuation	33,658,811,975
Debt Limit - 7% of Average Full Valuation	\$2,356,116,838

Dutchess County's debt limit is calculated based on a five-year average of the county's full valuation as seen above. The 2014 debt limit is nearly \$2.4 billion, which is seven percent of the average five-year full valuation. Total net direct debt as of September 1, 2013 was \$101,100,000 which represents 3.96% of the total debt limit. According to a voluntary March 2013 survey conducted by the New York Association of Counties, Dutchess County ranks the 6th lowest of the 28 counties that responded to the survey in terms of debt as a percentage of debt limit.

<i>Rank</i>	<i>County</i>	<i>Debt Limit</i>	<i>Rank</i>	<i>County</i>	<i>Debt Limit</i>
28	Wyoming	36.52%	14	Suffolk	8.10%
27	Montgomery	19.90%	13	Tioga	7.80%
26	Broome	19.45%	12	Orleans	7.40%
25	Chemung	17.20%	11	Ulster	7.38%
24	Oneida	15.69%	10	Genesee	7.15%
23	Monroe	15.50%	9	Ontario	5.47%
22	Albany	12.80%	8	Madison	5.03%
21	Rockland	12.50%	7	Oswego	4.45%
20	Chautauqua	12.22%	6	Dutchess	3.96%
19	Lewis	11.32%	5	Jefferson	3.90%
18	Sullivan	11.21%	4	Herkimer	2.20%
17	Tompkins	11.18%	3	Greene	0.40%
16	Seneca	8.60%	2	Chenango	0.00%
15	Wayne	8.33%	1	Fulton	0.00%

RESOLUTION

Dutchess County Capital Program Committee

County Executive Molinaro offers the following resolution and moves its adoption:

WHEREAS, there is a requirement in the Dutchess County Charter and Administrative Code to provide the County Legislature with a listing of projects and estimated costs of capital construction and improvement projects for a five-year period; and

WHEREAS, the Capital Program Committee has met with department heads to review proposed departmental projects; and

WHEREAS, the Capital Program Committee has reviewed departmental plans within the context of County government priorities; and

WHEREAS, the 2013 projects which have not gone before the Legislature for approval in 2013 will automatically be included in the 2014 Capital Plan, should these projects not be approved by the Legislature in 2013; and

WHEREAS, the Capital Program Committee has evaluated proposed capital spending for the impact on annual operating budgets; now, therefore; be it

RESOLVED, that the construction and improvement projects as shown on the attached be approved as the 2014-2018 Dutchess County Capital Program, and be it further

RESOLVED, that the projects as shown for 2014 be recommended for approval of funding by the County Legislature in fiscal year 2014.

Seconded by: William O'Neil, Deputy County Executive
Resolution adopted by acclamation