The background of the top section features a large, faint, circular seal of Dutchess County. The seal contains a central figure holding a staff, surrounded by a wreath and the words "DUTCHESS COUNTY SEAL".

DUTCHESS COUNTY
2016
CAPITAL IMPROVEMENT
PROGRAM

MOVING DUTCHESS FORWARD

MARCUS J. MOLINARO
COUNTY EXECUTIVE

A large, stylized green arrow graphic pointing to the right, with a dark blue outline, is positioned on the right side of the bottom section.

Letter to Legislators

Enclosed herein is the Capital Program 2016-2020, as adopted by the Capital Program Committee on August 11, 2015. 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 2016 are recommended for submission to the County Legislature for approval next year. The projects listed for 2017 through 2020 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 blue ink, appearing to read 'M. Molinaro', is written over a faint, circular seal of the County of Dutchess.

Marcus J. Molinaro
COUNTY EXECUTIVE

The seal of Dutchess County, New York, is a circular emblem. It features a central landscape with a river, a bridge, and a building. The words "DUTCHESS COUNTY" are written in an arc at the top, and "NEW YORK" is at the bottom. There are stars on either side of the central image.

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

Heidi Seelbach, Commissioner of Finance

Eoin Wrafter, Commissioner of Planning and Development

Noel H.S. Knille, AIA, ASLA, Commissioner of Public Works

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 2016-2020	1
---------------------------------	---

Summary

Table 1: Summary of 2016-2020 Capital Program	8
Table 2: Summary of Capital Program	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

Dutchess Community College	30
Planning & Development	33
Public Works - Airport	34
Public Works - Buildings Division	35
Public Works - Engineering Division	39
Public Works - Parks Division	40
Public Works – Public Transit	41
Dutchess County Water and Wastewater Authority	42

Finances

Table 7: Anticipated Funding Sources for 2016-2020 Capital Program	43
Table 8: Current Capital Projects, 2015	56
Table 9: Capital Outlays, Dutchess County Government, 1995-2014	61
Table 10: Total Outstanding Indebtedness, Dutchess County Government 2010-2014	62
Table 11: Debt Service, Dutchess County Government 1997-2016	63
Table 12: Debt Authorized and Unissued 2015	64
Financial Impact Analysis	65

Appendix:

Capital Program Committee Resolution of Approval	66
--	----

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 2016-2020 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 impact on the County's operating budget.

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 2016-2020 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 the Dutchess County Airport scheduled for 2016 include design of an on-airport water distribution system.

Recommended 2016 capital projects involving various existing County buildings include HVAC Piping & Infrastructure Replacement and Roof Replacement programs.

The Highway Construction and Maintenance Division of the Department of Public Works (DPW) has scheduled the replacement of various vehicles and equipment during 2016.

The maintenance of County roads and bridges is an ongoing priority in Dutchess County. 2016 funding is provided for the Engineering Division of DPW to continue our commitment to maintaining roads and bridges, preventing deterioration, and repairing hazardous conditions.

DPW Parks plans to focus 2016 investments into planning, design and construction of improvements at County Parks.

The Dutchess County Water and Wastewater Authority is continuing progress on extension of the Central Dutchess Water Transmission Line.

Dutchess Community College projects for 2016 include an array of campus infrastructure upgrades.

In 2016, 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 and support water and wastewater infrastructure.

The Annual Process

The annual capital programming process, which is coordinated by the Department of Planning and Development, begins with County departments submitting capital budget requests for a five-year period and rating their relative priority (this document displays departmental “Priority Ratings” only for 2016, the program’s first year). The Capital Program Committee compares projects in different departments in light of the following and other 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? Does it serve the special needs of a certain segment of the county, such as the aging?

Review criteria also 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 2016-2020 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, 2014 totaled \$107,168,842. The total amount is subject to the constitutional debt limit of \$2.2 billion and represents approximately 4.79% of this limit. As of December 31, 2014, the County had authorized but unissued debt totaling \$13,581,216. The following table represents a summary of the County's debt service obligation as of December 31st, 2014. This table does not include any projected borrowing scheduled to occur in 2015.

YEAR	PRINCIPAL	INTEREST	TOTAL
2015	\$15,613,842	\$3,977,085	\$19,590,927
2016	13,215,000	3,412,738	\$16,627,738
2017	11,890,000	2,869,356	\$14,759,356
2018	10,190,000	2,362,556	\$12,552,556
2019	9,340,000	1,941,888	\$11,281,888
2020-2024	29,975,000	5,521,169	\$35,496,169
2025-2029	12,920,000	1,615,410	\$14,535,410
2030-2034	4,025,000	289,244	\$4,314,244
	<u>\$107,168,842</u>	<u>\$21,989,445</u>	<u>\$129,158,287</u>

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.

In June 2015, the County issued \$14,800,000 in Serial Bonds which were used to advance refund \$15,150,000 of public improvement bonds issued in 2004 and 2006. The total overall saving to the County was \$956,326.

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 2016.

- Energy Efficiency Improvements at Various County Facilities
- Building Planning, Design and Renovations at Various County Facilities
- Roof Replacement Program
- HVAC Piping & Infrastructure Replacement Program
- Highway & Bridge Improvement & Reconstruction
- Highway Construction Vehicles and Equipment Replacement
- Airport Maintenance and Obstruction Removal
- Dutchess Community College Infrastructure Improvements
- Partnership for Manageable Growth
- 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 2016

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 2016 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 2016.

Non-Recurring Capital Projects for 2016		
Department	Project	Estimated County Cost (\$000)
Dtuchess Community College	Purchase Creek Road Property	\$150.0
DPW – Airport	Replace ARFF/SRE Building (Design)	\$13.3
DPW – Airport	On-Airport Water Distribution (Design)	\$17.1
DPW – Airport	Master Plan Update	\$13.3
DPW – Buildings	Crisis Intervention and Recovery Center	\$2,600.0
DPW – Buildings	DC Justice and Transition Center/Law Enforcement Building Final Design & Construction	TBD
DPW – Buildings	22 Market Street COB Parking Lot Redesign & Construction	TBD
DPW – Buildings	New Youth Services Center	\$1,000.0
DPW – Buildings	Petroleum Bulk Storage Tank Replacements	\$125.0
DPW – Parks	Master Plan – Bowdoin and Wilcox Parks	\$50.0
DPW – Parks	Fallkill and Wilcox Dam Reconstruction	TBD
DPW – Parks	Security Camera Installations in Parks	\$75.0
DPW – Parks	Various Parks Upgrades – ADA, Safety, Functionality	\$500.0
DPW – Public Transit	Security Fencing at Public Transit Facility	\$25.0
DPW – Public Transit	Battery Replacement for Diesel-Electric Buses	\$20.0
Total		\$4,588.7

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 2016 Debt Service Obligation by Fund is detailed in the table below and includes projected borrowing that is scheduled to occur in 2015.

2016 Debt Service Summary by Fund			
Fund	Serial Bond Principal	Serial Bond Interest	Debt Service Totals
General Fund	14,484,107	3,656,930	18,141,037
Community College	1,307,522	181,353	1,488,875
Airport	260,723	56,697	317,420
Public Transportation	291,408	46,361	337,768
Total	16,343,760	3,941,340	20,285,100

The below table indicates the projected 2016 debt service by department, including the borrowing that is scheduled to occur in 2015.

2016 Debt Service Summary by Department			
Department	Serial Bond Principal	Serial Bond Interest	Debt Service Totals
Community College	\$1,307,522	\$181,353	\$1,488,875
DPW Airport	\$278,708	\$59,549	\$338,258
DPW Buildings	\$3,518,184	\$954,011	\$4,472,195
DPW Highway & Engineering	\$5,383,790	\$1,585,675	\$6,969,465
DPW Parks	\$944,253	\$336,827	\$1,281,081
Emergency Response	\$612,061	\$239,716	\$851,776
Finance	\$1,515,000	\$84,212	\$1,599,212
Jail	\$1,583,500	\$244,504	\$1,828,004
Public Transportation	\$291,408	\$46,361	\$337,768
Office of Central and Information Systems	\$639,745	\$99,399	\$739,144
Planning & Development	\$210,846	\$90,088	\$300,934
Probation & Community Correction	\$45,743	\$13,293	\$59,036
Sheriff	\$13,000	\$6,352	\$19,352
Total	\$16,343,760	\$3,941,340	\$20,285,100

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 2016 - 2020 Capital Program (\$000)**

Department	2016	2017	2018	2019	2020
Dutchess Community College	2,906.2	7,211.6	857.0	16,445.6	14,438.7
Planning & Development	1,000.0	1,000.0	1,000.0	1,000.0	0.0
Public Works - Airport	1,061.6	7,586.0	600.0	5,400.0	247.0
Public Works - Buildings Division	9,325.0	6,675.0	4,425.0	2,500.0	2,500.0
Public Works - Engineering Division	7,175.0	8,675.0	9,075.0	9,325.0	10,125.0
Public Works - Highway Construction & Maintenance	2,755.0	2,200.0	2,821.0	2,800.0	2,475.0
Public Works - Parks	625.0	1,250.0	600.0	0.0	0.0
Public Works - Public Transit	450.0	2,836.6	0.0	0.0	0.0
Water & Wastewater Authority	0.0	0.0	0.0	0.0	0.0
Total Gross Costs	25,297.8	37,434.2	19,378.0	37,470.6	29,785.7
Total Other Funding	6,815.6	16,747.5	4,668.5	16,747.8	10,854.0
Total Net County Costs *	18,482.3	20,686.8	14,709.5	20,722.8	18,931.7

* Values may appear incorrect due to rounding

Table 2

Summary of Capital Program - 2016

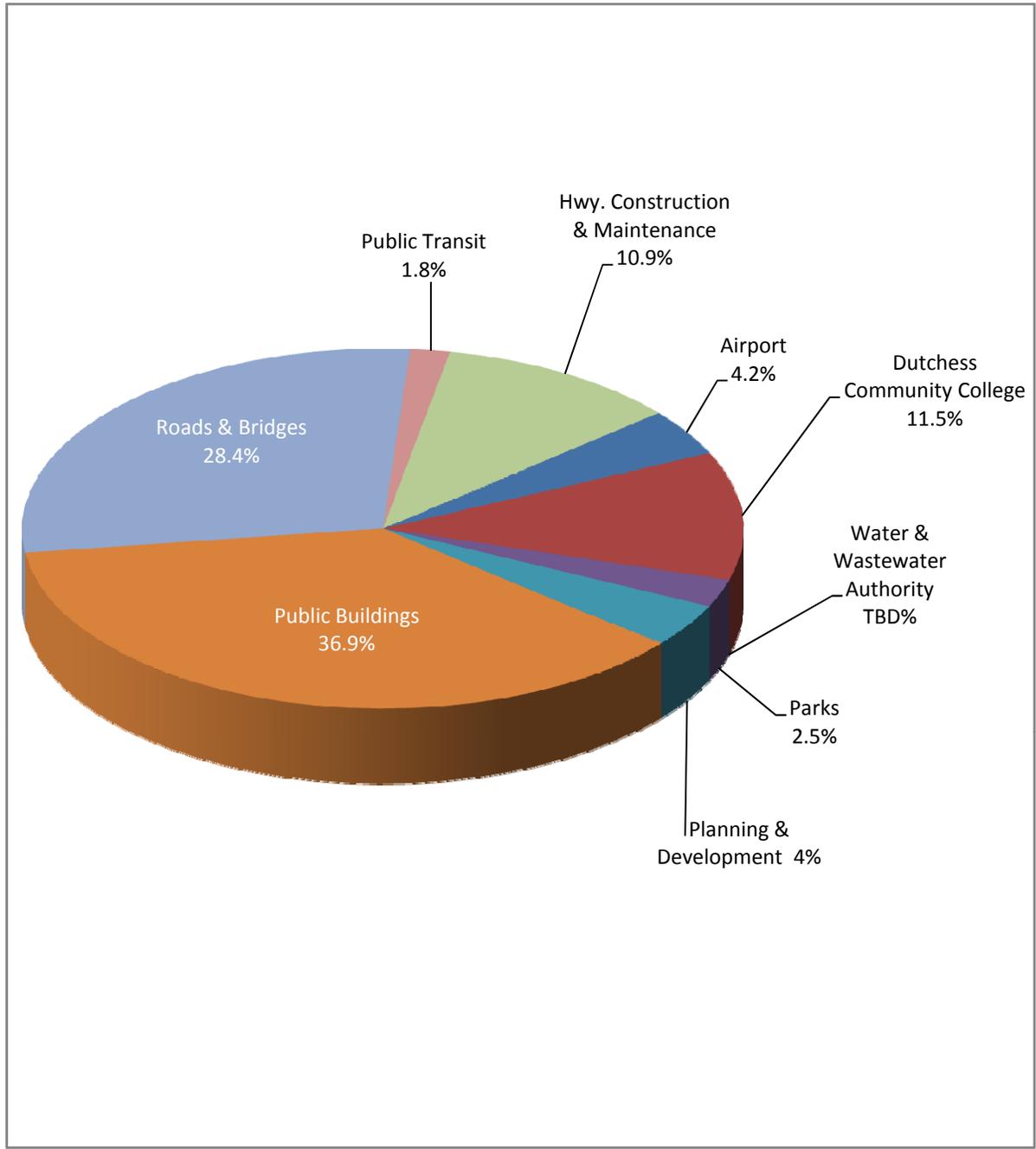


Table 3

2016 - 2020 Capital Program Requests for Dutchess County (\$000)

= New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
Planning & Development							
	2016						
<input type="checkbox"/> 1	Partnership for Manageable Growth	1,000.0	1,000.0				
	2017						
<input type="checkbox"/>	Partnership for Manageable Growth			1,000.0			
	2018						
<input type="checkbox"/>	Partnership for Manageable Growth				1,000.0		
	2019						
<input type="checkbox"/>	Partnership for Manageable Growth					1,000.0	
TOTAL - Planning & Development		1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	

Table 3**2016 - 2020 Capital Program Requests for Dutchess County (\$000)** = New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
Public Works - Airport							
2016							
<input type="checkbox"/>	1	Replace Aircraft Rescue and Fire Fighting/Snow Removal Equipment (ARFF/SRE) Building (Design)	320.0	13.3			
<input checked="" type="checkbox"/>	2	On-Airport Water Distribution (Design)	341.6	17.1			
<input checked="" type="checkbox"/>	3	Master Plan Update (MPU) - Airport Layout Plan (ALP), Airport Geographic Information System (AGIS), Airport Program Management System (APMS), etc.	400.0	20.0			

Table 3**2016 - 2020 Capital Program Requests for Dutchess County (\$000)**

☑ = New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
2017							
<input type="checkbox"/>	Replace Aircraft Rescue and Fire Fighting/Snow Removal Equipment (ARFF/SRE) Building (Construction)			2,926.0			
<input checked="" type="checkbox"/>	On-Airport Water Distribution (Construction)			3,572.0			
<input type="checkbox"/>	On-Airport Obstruction Removal (Design and Permitting)			95.0			
<input type="checkbox"/>	On-Airport Obstruction Removal (Construction)			909.0			
<input checked="" type="checkbox"/>	Appraisals & Pre-Negotiation for Easement Acquisition (Runway 6 & 24)			84.0			
2018							
<input type="checkbox"/>	Easement Purchase - Obstruction Removal - Off Airport (Runway 6 & 24)				250.0		
<input checked="" type="checkbox"/>	Replace Engineering Materials Arresting System (EMAS) (Design).				350.0		

Table 3**2016 - 2020 Capital Program Requests for Dutchess County (\$000)** = New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
2019							
<input checked="" type="checkbox"/>	Replace Engineering Materials Arresting System (EMAS) (Construction).					5,400.0	
2020							
<input checked="" type="checkbox"/>	Obstruction Removal Off-Airport -Runways 6 and 24 (Design & Permitting)						95.0
<input type="checkbox"/>	Realign Taxiway "B" (Runway 33 end) (Design)						80.0
<input checked="" type="checkbox"/>	Appraisal and Pre-negotiations for Easement Acquisition (Runway 33)						72.0
TOTAL - Public Works - Airport		1,061.6	50.4	7,586.0	600.0	5,400.0	247.0

Table 3**2016 - 2020 Capital Program Requests for Dutchess County (\$000)**

☑ = New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
Public Works - Buildings Division							
2016							
☑ 1	Crisis Stabilization Center	2,600.0	2,600.0				
☐ 2	DC Justice and Transition Center/Law Enforcement Building Final Design & Construction	Scope and Cost to be determined					
☐ 3	Building Planning, Design and Renovations - Various	3,100.0	3,100.0				
☑ 4	22 Market Street COB Parking Lot Redesign & Construction	Scope and Cost to be determined					
☑ 4	New Youth Services Center	1,000.0	1,000.0				
☐ 5	HVAC Piping & Infrastructure Replacement Program at Various Buildings	1,000.0	1,000.0				
☑ 6	PBS Underground and/or Old Tank Replacements and Associated PBS Work - Phase 1	125.0	125.0				

Table 3**2016 - 2020 Capital Program Requests for Dutchess County (\$000)** = New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
<input type="checkbox"/> 7	Roof Replacement Program at Various County Buildings	750.0	750.0				
<input type="checkbox"/> 8	Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)	750.0	750.0				

Table 3**2016 - 2020 Capital Program Requests for Dutchess County (\$000)** = New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
2017							
<input checked="" type="checkbox"/>	230 North Rd. Renovations - Various Departments			1,250.0			
<input checked="" type="checkbox"/>	Planning, Design and Renovations - Various Buildings			3,000.0			
<input type="checkbox"/>	Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)			750.0			
<input type="checkbox"/>	HVAC Piping & Infrastructure Replacement Program at Various Buildings			750.0			
<input checked="" type="checkbox"/>	PBS Related Capital Work - Phase 2			175.0			
<input type="checkbox"/>	Roof Replacement Program at Various County Buildings			750.0			

Table 3

2016 - 2020 Capital Program Requests for Dutchess County (\$000)

= New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
2018							
<input type="checkbox"/>	HVAC Piping & Infrastructure Replacement Program at Various Buildings				750.0		
<input checked="" type="checkbox"/>	Planning, Design and Renovations - Various Buildings				2,000.0		
<input type="checkbox"/>	Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)				750.0		
<input checked="" type="checkbox"/>	PBS Capital Project Work - Phase 3				175.0		
<input type="checkbox"/>	Roof Replacement Program at Various County Buildings				750.0		

Table 3

2016 - 2020 Capital Program Requests for Dutchess County (\$000)

= New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
2019							
<input type="checkbox"/>	HVAC Piping & Infrastructure Replacement Program at Various Buildings					750.0	
<input checked="" type="checkbox"/>	Planning, Design and Renovations - Various Buildings					500.0	
<input type="checkbox"/>	Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)					750.0	
<input type="checkbox"/>	Roof Replacement Program at Various County Buildings					500.0	

Table 3**2016 - 2020 Capital Program Requests for Dutchess County (\$000)** = New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
2020							
<input type="checkbox"/>	HVAC Piping & Infrastructure Replacement Program at Various Buildings						750.0
<input checked="" type="checkbox"/>	Planning, Design and Renovations - Various Buildings						500.0
<input type="checkbox"/>	Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)						750.0
<input type="checkbox"/>	Roof Replacement Program at Various County Buildings						500.0
TOTAL - Public Works - Buildings Division		9,325.0	9,325.0	6,675.0	4,425.0	2,500.0	2,500.0

Table 3**2016 - 2020 Capital Program Requests for Dutchess County (\$000)** = New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
Public Works - Engineering Division							
	2016						
<input checked="" type="checkbox"/>	1 Highway & Bridge Improvements and Reconstruction - County Funded	7,175.0	3,775.0				
	2017						
<input checked="" type="checkbox"/>	Highway & Bridge Improvements and Reconstruction - County Funded			8,675.0			
	2018						
<input checked="" type="checkbox"/>	Highway & Bridge Improvements and Reconstruction - County Funded				9,075.0		
	2019						
<input checked="" type="checkbox"/>	Highway & Bridge Improvements and Reconstruction - County Funded					9,325.0	
	2020						
<input checked="" type="checkbox"/>	Highway & Bridge Improvements and Reconstruction - County Funded						10,125.0
TOTAL - Public Works - Engineering Division		7,175.0	3,775.0	8,675.0	9,075.0	9,325.0	10,125.0

Table 3

2016 - 2020 Capital Program Requests for Dutchess County (\$000)

= New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
Public Works - Parks							
2016							
<input checked="" type="checkbox"/>	1	Parks Master Plans - Bowdoin and Wilcox Parks, including ADA Master Planning	50.0	50.0			
<input checked="" type="checkbox"/>	2	Fallkill and Wilcox Dam Reconstruction (Design and Construction)	Scope and Cost to be determined				
<input type="checkbox"/>	3	Security Camera Installations at Various Parks	75.0	75.0			
<input checked="" type="checkbox"/>	4	Various Parks Upgrades - ADA, Safety, Functionality	500.0	500.0			
2017							
<input type="checkbox"/>		Wilcox Park vehicular circulation and parking - access road widening, secondary access/egress, additional parking			250.0		
<input checked="" type="checkbox"/>		Replacement Education Center Building at Bowdoin Park			1,000.0		

Table 3**2016 - 2020 Capital Program Requests for Dutchess County (\$000)** = New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
2018							
<input checked="" type="checkbox"/>	1	Quiet Cove -Phase III	Scope and Cost to be determined				
<input checked="" type="checkbox"/>		New Pavilion for Bowdoin Park			600.0		
TOTAL - Public Works - Parks			625.0	625.0	1,250.0	600.0	

Table 3

2016 - 2020 Capital Program Requests for Dutchess County (\$000)

= New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
Public Works - Public Transit							
2016							
<input checked="" type="checkbox"/>	1	Security Fencing at Public Transit Facility	250.0	25.0			
<input checked="" type="checkbox"/>	2	Battery replacement for four (4) diesel-electric buses	200.0	20.0			
2017							
<input type="checkbox"/>		Transit Bus Replacement			2,816.6		
<input checked="" type="checkbox"/>		Window Replacement and Exterior Envelope Improvement; Replace Interior Doors as Needed (Design only)			20.0		
TOTAL - Public Works - Public Transit			450.0	45.0	2,836.6		
TOTAL - ALL DEPARTMENTS			19,636.6	14,820.4	28,022.6	15,700.0	18,225.0

Table 4

**2016 - 2020 Capital Program Requests for
Water and Wastewater Authority (\$000)**

= New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
<input type="checkbox"/> 1	Central Dutchess Water Transmission Line Water Storage Facility	Scope and Cost to be determined					
TOTAL - Dutchess County Water & Wastewater Authority			0.0				

Table 5

2016 - 2020 Capital Program Requests for Dutchess Community College (\$000)

= New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
2016							
<input type="checkbox"/>	1	Campus Infrastructure – Phase 2	1,980.0	990.0			
<input checked="" type="checkbox"/>	2	Purchase Creek Road Property	300.0	150.0			
<input type="checkbox"/>	3	Campus Infrastructure – Phase 3 Design	72.0	36.0			
<input checked="" type="checkbox"/>	4	Design of Roof Replacements – Drumlin/ Dutchess/ Falcon/ Hudson/ Taconic	554.2	277.1			
2017							
<input type="checkbox"/>		Campus Infrastructure - Phase 3 Construction			675.9		
<input type="checkbox"/>		Construction of Roof Replacements – Drumlin/ Dutchess/ Falcon/ Hudson/ Taconic			4,988.2		
<input checked="" type="checkbox"/>		Campus Wide Safety and Fire Alarm Upgrade			823.0		
<input checked="" type="checkbox"/>		Design and Construct Falcon Hall Boiler Replacement			517.5		
<input type="checkbox"/>		Falcon Hall Improvements (Masonry Repairs)			207.0		

Table 5

2016 - 2020 Capital Program Requests for Dutchess Community College (\$000)

= New Project

Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
2018							
<input checked="" type="checkbox"/>	Design New Academic Building				857.0		
2019							
<input checked="" type="checkbox"/>	Construct New Academic Building					13,138.3	
<input type="checkbox"/>	Design Hudson Hall Renovations Phase 1 & 2					2,057.8	
<input type="checkbox"/>	Washington Hall MEP Improvements					576.5	
<input type="checkbox"/>	Washington Hall Masonry Repairs					118.6	
<input checked="" type="checkbox"/>	Upgrade Campus IT Infrastructure Phase 1					554.4	
2020							
<input type="checkbox"/>	Hudson Hall Renovation – Phase 1 - South						12,717.4
<input checked="" type="checkbox"/>	Upgrade Campus IT Infrastructure Phase 2						1,721.3
TOTAL - Dutchess Community College		2,906.2	1,453.1	7,211.6	857.0	16,445.6	14,438.7

Table 6

2016 - 2020 Capital Program Requests for Vehicles and Equipment (\$000)

= New Project
Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
Public Works - Highway Construction & Maintenance							
2016							
<input checked="" type="checkbox"/>	1	Capital Construction Equipment and Vehicles	1,280.0	1,280.0			
<input checked="" type="checkbox"/>	1	Replacement Vehicles - Law Enforcement	450.0	450.0			
<input type="checkbox"/>	1	Replacement Vehicles - Various Departments	450.0	450.0			
2017							
<input type="checkbox"/>		Replacement Vehicles - Various Departments			450.0		
<input checked="" type="checkbox"/>		Replacement Vehicles - Law Enforcement			450.0		
<input checked="" type="checkbox"/>		Capital Construction Equipment and Vehicles			1,300.0		
2018							
<input checked="" type="checkbox"/>		Capital Construction Equipment and Vehicles			1,571.0		
<input checked="" type="checkbox"/>		Replacement Vehicles - Law Enforcement			475.0		

Table 6

2016 - 2020 Capital Program Requests for Vehicles and Equipment (\$000)

= New Project
Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
<input type="checkbox"/>	Replacement Vehicles - Various Departments				475.0		
2019							
<input type="checkbox"/>	Replacement Vehicles - Various Departments					475.0	
<input checked="" type="checkbox"/>	Replacement Vehicles - Law Enforcement					475.0	
<input checked="" type="checkbox"/>	Capital Construction Equipment and Vehicles					1,850.0	
2020							
<input checked="" type="checkbox"/>	Capital Construction Equipment and Vehicles						1,500.0
<input checked="" type="checkbox"/>	Replacement Vehicles - Law Enforcement						500.0
<input type="checkbox"/>	Replacement Vehicles - Various Departments						475.0
TOTAL - Public Works - Highway Construction & Maintenance		2,180.0	2,180.0	2,200.0	2,521.0	2,800.0	2,475.0

Table 6

2016 - 2020 Capital Program Requests for Vehicles and Equipment (\$000)

= New Project
 Priority Rating (PR)

PR	PROJECT	2016		2017 TOTAL	2018 TOTAL	2019 TOTAL	2020 TOTAL
		TOTAL	COUNTY				
Public Works - Public Transit							
	2018						
<input checked="" type="checkbox"/>	Public Transit - Support Vehicle Replacement with Towing Vehicle				300.0		
TOTAL - Public Works - Public Transit			0.0		300.0		
TOTAL - ALL VEHICLES & EQUIPMENT		2,180.0	2,180.0	2,200.0	2,821.0	2,800.0	2,475.0

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.

2016

Campus Infrastructure – Phase 2 \$1,980.0

Phase 2
Upgrade from 4160 volt to 13.2 kV system: Phase two of the electrical service improvement project will include the removal 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 original to 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 will be mounted outside the building. The existing 4160 Volt transformer that feeds Drumlin Hall will be replaced with a new 13.2kV 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 unreliable and dangerous to operate. It currently serves Hudson, Drumlin and Washington Hall. The new switch will feature the capability to connect to the colleges second electrical service located west of Falcon Hall and allow us to switch between sources should one source fail. The upgrade of this switch will require a new concrete pad and retaining wall to be constructed east of Washington Hall in order to provide adequate space for the servicing of the equipment.

By completing the work described above and including an electrical loop connection we will make the college’s electrical distribution system more robust and more manageable and at the same time provide a level of redundancy. There have been numerous incidents on the Creek Road electrical feeder that have caused the disruption of classes. The service received from Bradley Village has proven to be more stable and the ability to move from one service to the other will allow us to maintain the operation of the critical infrastructure while minimizing the cancellation of classes due to power failures.

Purchase Creek Road Property \$300.0

The residential property located at 176 Creek Road in the Town of Poughkeepsie is 3.8 acres of flat land that adjoins College property on the north side of parking lot E. This property is of value to the college as the college is land-locked and the acquisition of adjoining property is the only resource the college has for future growth.

The funding will allow for the purchase and remediation of the property. The remediation will include tear down and removal of the existing dilapidated structures. The property will then be excavated and developed for future growth. Initially a practice soccer field and walking track will be constructed with accommodations for additional parking. It is also feasible that the property will be used for future growth that may include a new academic building.

Projects (\$000)

Campus Infrastructure – Phase 3 Design **\$72.0**

Dutchess Community College Main Campus

Design of Roof Replacements – Drumlin/ Dutchess/ Falcon/ Hudson/ Taconic **\$554.2**

Dutchess Community College Main Campus

2017

Campus Infrastructure - Phase 3 Construction **\$675.9**

Phase 3

This is the construction of the 3rd Phase of the Campus Infrastructure Project. This phase replaces in Taconic Hall, Orcutt Student Services Building and the Greenspan Daycare Center the switch gear, transformers and main cabling. The primary voltage will be increased to 13.2V 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.

Construction of Roof Replacements – Drumlin/ Dutchess/ Falcon/ Hudson/ Taconic **\$4,988.2**

This is the construction phase of the roof replacements on Drumlin, Dutchess, Falcon, Taconic and Hudson Halls.

- Drumlin Hall - \$472,500
- Dutchess Hall - \$1,093,500
- Hudson Hall - \$1,312,335
- Falcon Hall - \$1,620,810
- Taconic Hall - \$489,037

Campus Wide Safety and Fire Alarm Upgrade **\$823.0**

Dutchess Community College Main Campus

Design and Construct Falcon Hall Boiler Replacement **\$517.5**

Falcon Hall, Dutchess Community College Main Campus

Falcon Hall Improvements (Masonry Repairs) **\$207.0**

Falcon Hall, Dutchess Community College Main Campus

2018

Design New Academic Building **\$857.0**

Design of a new 50,000 gross square foot academic building to create new instructional and student space. This will also allow for the complete renovation of Hudson (Phase 1 and Phase 2) and Taconic Halls.

Projects (\$000)

2019

Construct New Academic Building **\$13,138.3**

Construction Phase of New Academic Building.

Design Hudson Hall Renovations Phase 1 & 2 **\$2,057.8**

This project will design the renovations phase 1 & 2 of Hudson Hall. This two phase project will follow the completion of the New Academic Building project renovating all major building systems, the 4th and 5th floor instructional spaces, and replace all windows and the building skin. The replacement of the windows and skin is expected to result in significant energy savings and elimination of significant and persistent water infiltration through the existing systems.

Washington Hall MEP Improvements **\$576.5**

To relocate 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.

Washington Hall Masonry Repairs **\$118.6**

This project will address the repairs needed to the cast stone sills at window openings and insulated anodized aluminum wall panels. The sills are breaking away from the building, the paint is peeling on the steel lintels and the seals between the stone sills are missing. There is water damage on part of the brick façade at the north entrance and water infiltration at the windows on the southwest corner of the building. The work will include resetting the stone sills, scraping and painting the lintels, remediating the source of the water infiltration and repointing and cleaning the brick.

Upgrade Campus IT Infrastructure Phase 1 **\$554.4**

This project will permit the college to provide and maintain efficient, effective, and state-of-the-art information technology components, network backbone, speed, and capacity to support the educational and administrative mission of the institution.

2020

Hudson Hall Renovation – Phase 1 - South **\$12,717.4**

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 4th and 5th floors that were not renovated during 2001 will be renovated and upgraded for classroom reconfigurations and upgrades of interior finishes.

Upgrade Campus IT Infrastructure Phase 2 **\$1,721.3**

This project will permit the college to provide and maintain efficient, effective, and state-of-the-art information technology components, network backbone, speed, and capacity to support the educational and administrative mission of the institution.

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, transportation planning, public information, citizen participation, and transportation.

2016

Partnership for Manageable Growth **\$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 and support water and wastewater infrastructure.

2017

Partnership for Manageable Growth **\$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 and support water and wastewater infrastructure.

2018

Partnership for Manageable Growth **\$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 and support water and wastewater infrastructure.

2019

Partnership for Manageable Growth **\$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 and support water and wastewater infrastructure.

Projects (\$000)

Public Works - Airport

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

2016

Replace Aircraft Rescue and Fire Fighting/Snow Removal Equipment (ARFF/SRE) Building (Design) \$320.0

Design new ARFF/SRE Building.

On-Airport Water Distribution (Design) \$341.6

This project consists of design of a water distribution system on the Airport property from the intersection of Griffith Way and New Hackensack Road around the south portion of the Airport (supplying hangars, the FAA tower and the terminal), then north on the west side of the Airport to the proposed new Aircraft Rescue and Fire Fighting/Snow Removal Equipment (ARFF/SRE) building and the hangars on the north side of the Airport.

Master Plan Update (MPU) - Airport Layout Plan (ALP), Airport Geographic Information System (AGIS), Airport Program Management System (APMS), etc. \$400.0

Update of Airport Master Plan including ALP (Airport Layout Plan), AGIS (Airport Geographic information System), APMS Airport Program Management System and related information updates.

2017

Replace Aircraft Rescue and Fire Fighting/Snow Removal Equipment (ARFF/SRE) Building (Construction) \$2,926.0

Replacement of ARFF/SRE Building - Construction portion only.

On-Airport Water Distribution (Construction) \$3,572.0

This project consists of the construction of a water distribution system on the Airport property from the intersection of Griffith Way and New Hackensack Road around the south portion of the Airport (supplying hangars, the FAA tower and the terminal), then north on the west side of the Airport to the proposed new Aircraft Rescue and Fire Fighting/Snow Removal Equipment (ARFF/SRE) building and the hangars on the north side of the Airport.

On-Airport Obstruction Removal (Design and Permitting) \$95.0

On-Airport obstruction removal.

On-Airport Obstruction Removal (Construction) \$909.0

On Airport obstruction removal.

Appraisals & Pre-Negotiation for Easement Acquisition (Runway 6 & 24) \$84.0

Purchase of easements related to obstruction removal.

Projects (\$000)

2018

Easement Purchase - Obstruction Removal - Off Airport (Runway 6 & 24) \$250.0

Easement Purchase - obstruction removal - off airport (Runway 6 & 24).

Replace Engineering Materials Arresting System (EMAS) (Design) \$350.0

This project consists of design of a replacement EMAS (Engineering Materials Arrestment System). This system is what stops planes - should the plane fail to stop properly on the runway - on the main runway to prevent planes from going onto Route 376 (New Hackensack Road).

2019

Replace Engineering Materials Arresting System (EMAS) (Construction) \$5,400.0

This project consists of construction of a replacement EMAS (Engineering Materials Arrestment System). This system is what stops planes - should the plane fail to stop properly on the runway - on the main runway to prevent planes from going onto Route 376 (New Hackensack Road).

2020

Obstruction Removal Off-Airport -Runways 6 and 24 (Design & Permitting) \$95.0

Obstruction removal design and permitting.

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

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

Appraisal and Pre-negotiations for Easement Acquisition (Runway 33) \$72.0

Appraisals and pre-acquisition negotiations for easements necessary for obstruction removal.

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.

2016

Crisis Stabilization Center \$2,600.0

Renovations to 230 North Road - Wings A, B and Multipurpose Room - to accommodate a Crisis Intervention and Recovery Center and associated integral functions including the Mobile Crisis Intervention Team, the 24 Hour Helpline, the Partial Hospital and Training facilities.

Projects (\$000)

DC Justice and Transition Center/Law Enforcement Building Final Design & Construction **Cost to be determined**

Refer to detailed documents; on-going

Building Planning, Design and Renovations - Various **\$3,100.0**

Renovations to various buildings based on prioritizing functionality and needs. These renovations may include: additional elevator upgrades, master plan updates for emergency response, garage upgrades at 626 Dutchess Turnpike, renovations to 27 High Street and renovations to DCFS service area at 60 Market Street.

New Youth Services Center **\$1,000.0**

Planning, design and renovations for new Youth Services Center - location TBD.

22 Market Street COB Parking Lot Redesign & Construction **Cost to be determined**

Redesign and reconstruction of public and COB parking lots

HVAC Piping & Infrastructure Replacement Program at Various Buildings **\$1,000.0**

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

PBS Underground and/or Old Tank Replacements and Associated PBS Work - Phase 1 **\$125.0**

Removal of underground and/or old above ground petroleum bulk storage (PBS) tanks with above ground storage tanks at various locations including: Bowdoin and Wilcox Parks, Commissioner of Jurors, Airport and Amenia facility. Also address ancillary PBS capital project issues.

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

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

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.

2017

230 North Rd. Renovations - Various Departments **\$1,250.0**

Renovations to Wings C, D, E, F and G to accommodate needs of HVMH, Methadone Clinic, Mental Hygiene, Early Intervention/Preschool Education and related programs. Renovations to include asbestos abatement, HVAC renovations, ADA toilet room upgrades, programmatic functional changes and related work.

Planning, Design and Renovations - Various Buildings **\$3,000.0**

Planning, design and renovations to various County buildings. This may include: Renovations to the County Office Building at 22 Market Street, renovations to Cannon Street and other possible buildings.

Projects (\$000)

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.

HVAC Piping & Infrastructure Replacement Program at Various Buildings \$750.0

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

PBS Related Capital Work - Phase 2 \$175.0

Removal of underground petroleum bulk storage tanks and replacement with above ground tanks at locations including: Millbrook, Beekman and Rhinebeck. Plus ancillary PBS work.

Roof Replacement Program at Various County Buildings \$750.0

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

2018

HVAC Piping & Infrastructure Replacement Program at Various Buildings \$750.0

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

Planning, Design and Renovations - Various Buildings. \$2,000.0

Planning, design and renovation to various buildings. These may include: the County Office Building and other locations.

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.

PBS Capital Project Work - Phase 3 \$175.0

Removal of underground petroleum bulk storage tanks and replacement with above ground tanks at locations including: E-911, Highway, Farm & Home and ASC. Ancillary related PBS work.

Roof Replacement Program at Various County Buildings \$750.0

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

Projects (\$000)

2019

HVAC Piping & Infrastructure Replacement Program at Various Buildings **\$750.0**

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

Planning, Design and Renovations - Various Buildings. **\$500.0**

Planning, design and renovations to various County buildings. This may include: 27 High Street and other buildings.

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 **\$500.0**

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

2020

HVAC Piping & Infrastructure Replacement Program at Various Buildings **\$750.0**

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

Planning, Design and Renovations - Various Buildings. **\$500.0**

Planning, design and renovations at various County Buildings.

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 **\$500.0**

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

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.

2016

Highway & Bridge Improvements and Reconstruction - County Funded **\$7,175.0**

County funded highway & bridge improvement and reconstruction projects.

2017

Highway & Bridge Improvements and Reconstruction - County Funded **\$8,675.0**

County funded highway & bridge improvement and reconstruction projects.

2018

Highway & Bridge Improvements and Reconstruction - County Funded **\$9,075.0**

County funded highway & bridge improvement and reconstruction projects.

2019

Highway & Bridge Improvements and Reconstruction - County Funded **\$9,325.0**

County funded highway & bridge improvement and reconstruction projects.

2020

Highway & Bridge Improvements and Reconstruction - County Funded **\$10,125.0**

County funded highway & bridge improvement and reconstruction projects.

Projects (\$000)

Public Works - Parks

The Department of Public Works Parks 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.

2016

Parks Master Plans - Bowdoin and Wilcox Parks, including ADA Master Planning **\$50.0**

Creation of 5 and 10 year master plans for both Bowdoin and Wilcox Parks, including ADA accessibility master planning.

Fallkill and Wilcox Dam Reconstruction (Design and Construction) **Cost to be determined**

Design and reconstruction of the Fallkill and Wilcox dams.

Security Camera Installations at Various Parks **\$75.0**

Installation of security cameras at various locations in various Parks.

Various Parks Upgrades - ADA, Safety, Functionality **\$500.0**

Based on the master plan findings, it is intended that several upgrades could take place in 2016.

2017

Wilcox Park vehicular circulation and parking - access road widening, secondary access/egress, additional parking **\$250.0**

It is recommended to re-locate the admission booth at Wilcox from its present location to the top of the hill overlooking the Lake. 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. It would also be advantageous to locate a second access/egress from the Park onto Route 199 - likely on the northeast corner of the Park. Additional parking areas should also be investigated.

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

Replacement Education Center Building at Bowdoin Park

2018

Quiet Cove -Phase III **Cost to be determined**

Develop additional impervious parking area on river side of the park, south end; renovate existing brick building for concessions; create a small concert area at south end of park.

Projects (\$000)

New Pavilion for Bowdoin Park **\$600.0**

New pavilion for Bowdoin Park

Public Works - Public Transit

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

2016

Security Fencing at Public Transit Facility **\$250.0**

Install fencing and gates around the transit center at 14 Commerce Street facility.

Battery replacement for four (4) diesel-electric buses **\$200.0**

Replace batteries in four (4) buses.

2017

Transit Bus Replacement **\$2,816.6**

Replace eight (8) medium duty buses with eight (8) medium duty buses in 2017. The buses will be ordered in 2016 for delivery in 2017.

Window Replacement and Exterior Envelope Improvement; Replace Interior Doors as Needed (Design only) **\$20.0**

Replace exterior windows, improve insulation and seal and replace interior doors throughout the facility which have corroded over time.

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.

2017

Central Dutchess Water Transmission Line Water Storage Facility **Cost to be determined**

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 2016 and 2017, would include an evaluation of potential sites, required environmental investigations, engineering design and land acquisition. Construction would proceed as Phase 2, potentially beginning in 2017, upon reaching agreement with project partners.

FINANCIAL REVIEW

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 2016.

Finances

Table 7 - Anticipated Funding Sources for the 2016 - 2020 Capital Program (\$000)

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2016				
Dutchess Community College				
Campus Infrastructure – Phase 2	1,980.0	990.0	990.0	
Purchase Creek Road Property	300.0	150.0	150.0	
Campus Infrastructure – Phase 3 Design	72.0	36.0	36.0	
Design of Roof Replacements – Drumlin/ Dutchess/ Falcon/ Hudson/ Taconic	554.2	277.1	277.1	
Planning & Development				
Partnership for Manageable Growth	1,000.0	1,000.0		
Public Works - Airport				
Replace Aircraft Rescue and Fire Fighting/Snow Removal Equipment (ARFF/SRE) Building (Design)	320.0	13.3	13.3	NYS DOT
			293.4	FAA
On-Airport Water Distribution (Design)	341.6	17.1	17.1	NYS DOT
			307.4	FAA
Master Plan Update (MPU) - Airport Layout Plan (ALP), Airport Geographic Information System (AGIS), Airport Program Management System (APMS), etc.	400.0	20.0	20.0	NYS DOT
			360.0	FAA

Finances

**Table 7 - Anticipated Funding Sources for the 2016 - 2020
Capital Program (\$000)**

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Buildings Division				
Crisis Stabilization Center	2,600.0	2,600.0		
DC Justice and Transition Center/Law Enforcement Building Final Design & Construction		Scope and Cost to be Determined		
Building Planning, Design and Renovations - Various	3,100.0	3,100.0		
22 Market Street COB Parking Lot Redesign & Construction		Scope and Cost to be Determined		
New Youth Services Center	1,000.0	1,000.0		
HVAC Piping & Infrastructure Replacement Program at Various Buildings	1,000.0	1,000.0		
PBS Underground and/or Old Tank Replacements and Associated PBS Work - Phase 1	125.0	125.0		
Roof Replacement Program at Various County Buildings	750.0	750.0		
Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)	750.0	750.0		
Public Works - Engineering Division				
Highway & Bridge Improvements and Reconstruction - County Funded	7,175.0	3,775.0	3,400.0	CHIPs funds

Finances

**Table 7 - Anticipated Funding Sources for the 2016 - 2020
Capital Program (\$000)**

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Parks				
Parks Master Plans - Bowdoin and Wilcox Parks, including ADA Master Planning	50.0	50.0		
Fallkill and Wilcox Dam Reconstruction (Design and Construction)	Scope and Cost to be Determined			
Security Camera Installations at Various Parks	75.0	75.0		
Various Parks Upgrades - ADA, Safety, Functionality	500.0	500.0		
Public Works - Public Transit				
Security Fencing at Public Transit Facility	250.0	25.0	25.0 200.0	NYS FTA
Battery replacement for four (4) diesel-electric buses	200.0	20.0	20.0 160.0	NYS Fed. Transit Administration

Finances

**Table 7 - Anticipated Funding Sources for the 2016 - 2020
Capital Program (\$000)**

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2017				
Dutchess Community College				
Campus Infrastructure - Phase 3 Construction	675.9	337.9	337.9	50% funded by the SUNY Construction Fund/Dormitory Authority
Construction of Roof Replacements – Drumlin/ Dutchess/ Falcon/ Hudson/ Taconic	4,988.2	2,494.1	2,494.1	
Campus Wide Safety and Fire Alarm Upgrade	823.0	411.5	411.5	
Design and Construct Falcon Hall Boiler Replacement	517.5	258.8	258.8	
Falcon Hall Improvements (Masonry Repairs)	207.0	103.5	103.5	
Planning & Development				
Partnership for Manageable Growth	1,000.0	1,000.0		

Finances

**Table 7 - Anticipated Funding Sources for the 2016 - 2020
Capital Program (\$000)**

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Airport				
Replace Aircraft Rescue and Fire Fighting/Snow Removal Equipment (ARFF/SRE) Building (Construction)	2,926.0	146.3	146.3 2,633.4	NYS DOT FAA
On-Airport Water Distribution (Construction)	3,572.0	178.6	178.6 3,214.8	NYS DOT FAA
On-Airport Obstruction Removal (Design and Permitting)	95.0	4.8	4.8 85.5	NYS DOT FAA
On-Airport Obstruction Removal (Construction)	909.0	45.5	45.5 818.1	NYS DOT FAA
Appraisals & Pre-Negotiation for Easement Acquisition (Runway 6 & 24)	84.0	4.2	4.2 75.6	NYS DOT FAA
Public Works - Buildings Division				
230 North Rd. Renovations - Various Departments	1,250.0	1,250.0		
Planning, Design and Renovations - Various Buildings	3,000.0	3,000.0		
Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)	750.0	750.0		
HVAC Piping & Infrastructure Replacement Program at Various Buildings	750.0	750.0		
PBS Related Capital Work - Phase 2	175.0	175.0		
Roof Replacement Program at Various County Buildings	750.0	750.0		

Finances

**Table 7 - Anticipated Funding Sources for the 2016 - 2020
Capital Program (\$000)**

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Engineering Division				
Highway & Bridge Improvements and Reconstruction - County Funded	8,675.0	5,275.0	3,400.0	CHIPs funds
Public Works - Parks				
Wilcox Park vehicular circulation and parking - access road widening, secondary access/egress, additional parking	250.0	250.0		
Replacement Education Center Building at Bowdoin Park	1,000.0	1,000.0		
Public Works - Public Transit				
Transit Bus Replacement	2,816.6	281.7	281.7 2,253.3	NYSDOT Federal Transit Administration
Window Replacement and Exterior Envelope Improvement; Replace Interior Doors as Needed (Design only)	20.0	20.0		
Water & Wastewater Authority				
Central Dutchess Water Transmission Line Water Storage Facility		Scope and Cost to be Determined		
2018				
Dutchess Community College				
Design New Academic Building	857.0	428.5	428.5	
Planning & Development				
Partnership for Manageable Growth	1,000.0	1,000.0		

Finances

**Table 7 - Anticipated Funding Sources for the 2016 - 2020
Capital Program (\$000)**

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Airport				
Easement Purchase - Obstruction Removal - Off Airport (Runway 6 & 24)	250.0	12.5	12.5	NYSDOT
Replace Engineering Materials Arresting System (EMAS) (Design).	350.0	17.5	17.5	NYSDOT
			315.0	FAA
Public Works - Buildings Division				
HVAC Piping & Infrastructure Replacement Program at Various Buildings	750.0	750.0		
Planning, Design and Renovations - Various Buildings.	2,000.0	2,000.0		
Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)	750.0	750.0		
PBS Capital Project Work - Phase 3	175.0	175.0		
Roof Replacement Program at Various County Buildings	750.0	750.0		
Public Works - Engineering Division				
Highway & Bridge Improvements and Reconstruction - County Funded	9,075.0	5,675.0	3,400.0	CHIPs funds
Public Works - Parks				
Quiet Cove -Phase III	Scope and Cost to be Determined			
New Pavilion for Bowdoin Park	600.0	600.0		

Finances

**Table 7 - Anticipated Funding Sources for the 2016 - 2020
Capital Program (\$000)**

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2019				
Dutchess Community College				
Construct New Academic Building	13,138.3	6,569.2	6,569.2	
Design Hudson Hall Renovations Phase 1 & 2	2,057.8	1,028.9	1,028.9	
Washington Hall MEP Improvements	576.5	288.3	288.3	
Washington Hall Masonry Repairs	118.6	59.3	59.3	
Upgrade Campus IT Infrastructure Phase 1	554.4	277.2	277.2	
Planning & Development				
Partnership for Manageable Growth	1,000.0	1,000.0		
Public Works - Airport				
Replace Engineering Materials Arresting System (EMAS) (Construction).	5,400.0	275.0	275.0	NYSDOT
			4,850.0	FAA

Finances

**Table 7 - Anticipated Funding Sources for the 2016 - 2020
Capital Program (\$000)**

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Buildings Division				
HVAC Piping & Infrastructure Replacement Program at Various Buildings	750.0	750.0		
Planning, Design and Renovations - Various Buildings.	500.0	500.0		
Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)	750.0	750.0		
Roof Replacement Program at Various County Buildings	500.0	500.0		
Public Works - Engineering Division				
Highway & Bridge Improvements and Reconstruction - County Funded	9,325.0	5,925.0	3,400.0	CHIPs funds
2020				
Dutchess Community College				
Hudson Hall Renovation – Phase 1 - South	12,717.4	6,358.7	6,358.7	
Upgrade Campus IT Infrastructure Phase 2	1,721.3	860.6	860.6	

Finances

**Table 7 - Anticipated Funding Sources for the 2016 - 2020
Capital Program (\$000)**

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
Public Works - Airport				
Obstruction Removal Off-Airport -Runways 6 and 24 (Design & Permitting)	95.0	4.8	4.8 85.5	NYS DOT FAA
Realign Taxiway "B" (Runway 33 end) (Design)	80.0	4.0	4.0 72.0	NYS DOT FAA
Appraisal and Pre-negotiations for Easement Acquisition (Runway 33)	72.0	3.6	3.6 64.8	NYS DOT FAA
Public Works - Buildings Division				
HVAC Piping & Infrastructure Replacement Program at Various Buildings	750.0	750.0		
Planning, Design and Renovations - Various Buildings.	500.0	500.0		
Energy Efficiency Improvements at Various County Facilities (based upon Economic Stimulus energy audits)	750.0	750.0		
Roof Replacement Program at Various County Buildings	500.0	500.0		
Public Works - Engineering Division				
Highway & Bridge Improvements and Reconstruction - County Funded	10,125.0	6,725.0	3,400.0	CHIPs funds

Finances

Table 7 Anticipated Funding Sources for the 2016 - 2020 Capital Program (\$000)

VEHICLES AND EQUIPMENT

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2016				
Public Works - Highway Construction & Maintenance				
Capital Construction Equipment and Vehicles	1,280.0	1,280.0		
Replacement Vehicles - Law Enforcement	450.0	450.0		
Replacement Vehicles - Various Departments	450.0	450.0		
Snow Blower	575.0	28.8	28.8 517.5	NYS DOT FAA
2017				
Public Works - Highway Construction & Maintenance				
Replacement Vehicles - Various Departments	450.0	450.0		
Replacement Vehicles - Law Enforcement	450.0	450.0		
Capital Construction Equipment and Vehicles	1,300.0	1,300.0		

Finances

**Table 7 Anticipated Funding Sources for the 2016 - 2020
Capital Program (\$000)**

VEHICLES AND EQUIPMENT

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2018				
Public Works - Highway Construction & Maintenance				
Capital Construction Equipment and Vehicles	1,571.0	1,571.0		
Replacement Vehicles - Law Enforcement	475.0	475.0		
Replacement Vehicles - Various Departments	475.0	475.0		
Public Transit - Support Vehicle Replacement with Towing Vehicle	300.0	30.0	30.0	NYSDOT
			240.0	Fed Transit Admin
2019				
Public Works - Highway Construction & Maintenance				
Replacement Vehicles - Various Departments	475.0	475.0		
Replacement Vehicles - Law Enforcement	475.0	475.0		
Capital Construction Equipment and Vehicles	1,850.0	1,850.0		

Finances

**Table 7 Anticipated Funding Sources for the 2016 - 2020
Capital Program (\$000)**

VEHICLES AND EQUIPMENT

PROJECTS	Approved Amount	County Indebtedness	Other than County Sources	
			Amount	Source
2020				
Public Works - Highway Construction & Maintenance				
Capital Construction Equipment and Vehicles	1,500.0	1,500.0		
<hr/>				
Replacement Vehicles - Law Enforcement	500.0	500.0		
<hr/>				
Replacement Vehicles - Various Departments	475.0	475.0		
<hr/>				

Finances

Table 8 Current Capital Projects (\$000)

August 31, 2015

Project	Code	Appropriation as of 08/31/2015	Encumbered and Expended as of 08/31/2015	Unencumbered Balance as of 08/31/2015
Dutchess Community College				
DCC Bowne Hall Roof Replacement	HC0437	\$0.00	\$0.00	\$0.00
DCC Campus Plan/Infrastructure I	HC0448	\$691.45	\$450.00	\$241.45
Economic Assistance and Opportunity				
2014 Auto Center Vehicle Bond	H0461	\$154.00	\$97.33	\$56.67
Auto Center Vehicle Bond	H0482	\$213.27	\$182.72	\$30.55
General Service				
Repl Undgrnd Fuel Tanks- Phse 2	H0285	\$6,218.00	\$5,951.12	\$266.88
Financial Management System	H0340	\$1,775.00	\$1,773.22	\$1.78
Renovation - Eastern Dutchess CE	H0341	\$3,500.00	\$3,273.69	\$226.31
2006 Cty Bld & Bld Reconstructio	H0368	\$250.00	\$233.20	\$16.80
2007 Eastern Dutchess Geothermal	H0387	\$5,531.93	\$5,463.63	\$68.30
ARRA - EECBG	H0416	\$8,065.48	\$4,631.79	\$3,433.69
2010 Building Reconstruction	H0420	\$2,328.80	\$2,272.56	\$56.24
Replacement - Telephone System	H0421	\$1,439.25	\$929.78	\$509.47
2011 Acquisition 170 Washington St.	H0424	\$3,456.60	\$2,617.12	\$839.48
Roof Repl. & Rooftop HVAC Improv.	H0429	\$4,967.86	\$4,922.78	\$45.07
Energy Efficiency Building Improv.	H0433	\$4,921.18	\$4,403.57	\$517.60
2012 DPW Buildings Bond	H0442	\$4,309.11	\$4,301.65	\$7.45
2012 DPW Building Demolition (Nelson House)	H0446	\$252.50	\$127.40	\$125.10
Enterprise Content Management System	H0449	\$1,767.50	\$1,185.58	\$581.92
DPW Energy Efficiency Building Improvements	H0455	\$849.41	\$660.46	\$188.95
2014 GIS Aerial Photo Update	H0457	\$1,212.00	\$1,179.75	\$32.25

Finances

Table 8 Current Capital Projects (\$000)

August 31, 2015

Project	Code	Appropriation as of 08/31/2015	Encumbered and Expended as of 08/31/2015	Unencumbered Balance as of 08/31/2015
Jail Project - Land Acquisition	H0458	\$145.00	\$134.42	\$10.58
2014 DPW Building Reconstruction	H0459	\$1,477.96	\$1,469.42	\$8.55
2014 Auto Center Vehicle Bond	H0461	\$31.80	\$20.60	\$11.20
2014 Asbestos Abatement Project	H0463	\$989.80	\$857.09	\$132.71
HazMat Survey - Phase I	H0465	\$1,092.03	\$418.27	\$673.76
2014 Jail PODS Project	H0466	\$454.50	\$1.61	\$452.89
2014 DPW Building Demolition	H0467	\$6,495.31	\$5,743.39	\$751.92
Acquisition - 503 Haight Avenue	H0473	\$166.65	\$5.27	\$161.38
Water Transmission Line	H0477	\$1,000.00	\$0.00	\$1,000.00
Auto Center Vehicle Bond	H0482	\$104.42	\$56.46	\$47.96
Building Repairs	H0484	\$749.42	\$312.27	\$437.15
Health				
2014 Auto Center Vehicle Bond	H0461	\$28.00	\$20.60	\$7.40
Home and Community Service				
Open Space - 2008	H0400	\$4,470.00	\$2,067.27	\$2,402.73
2014 Partner/Manageable Growth	H0476	\$1,426.63	\$1,173.56	\$253.06
Recreation				
Dutchess Rail Trail	H0291	\$10,238.00	\$10,091.29	\$146.71
HVR Trail Phase IV	H0360	\$6,825.00	\$6,778.58	\$46.42
2006 Parks Plan	H0372	\$10,891.04	\$9,968.67	\$922.37
Stadium Capital Improvement	H0373	\$12,778.00	\$9,778.07	\$2,999.93
Dutchess Rail Trail Extension	H0399	\$5,558.42	\$3,660.51	\$1,897.91
Dutchess Rail Trail Stage 3	H0412	\$5,042.15	\$5,013.52	\$28.63

Finances

Table 8 Current Capital Projects (\$000)

August 31, 2015

Project	Code	Appropriation as of 08/31/2015	Encumbered and Expended as of 08/31/2015	Unencumbered Balance as of 08/31/2015
Parks Capital Projects	H0434	\$499.60	\$496.95	\$2.65
Dutchess Rail Stage 4	H0436	\$2,872.45	\$2,619.49	\$252.96
Stadium Improvements	H0450	\$960.00	\$839.54	\$120.46
2014 Highway Equipment	H0464	\$26.00	\$25.99	\$0.02
2014 Parks Improvements	H0471	\$5,050.00	\$490.95	\$4,559.05
2015 Capital Equipment	H0481	\$55.44	\$55.44	\$0.00
Auto Center Vehicle Bond	H0482	\$33.73	\$33.73	\$0.00
Safety				
Facility Security Upgrades	H0342	\$7,156.00	\$7,137.46	\$18.54
Criminal Justice System	H0348	\$1,510.00	\$1,486.91	\$23.09
Emergency Response Training Room	H0358	\$2,650.00	\$2,417.87	\$232.13
DC Jail Security & Comm. System	H0422	\$3,550.00	\$3,471.98	\$78.02
Jail Project - Design Phase	H0456	\$388.81	\$312.19	\$76.63
2014 Auto Center Vehicle Bond	H0461	\$708.00	\$650.78	\$57.22
Auto Center Vehicle Bond	H0482	\$358.00	\$0.00	\$358.00
Transportation (Roads & Bridges)				
1997 Roads & Bridges-ISTEA	H0244	\$0.00	\$0.00	\$0.00
2000 Bridges- ISTE/TEA 21	H0289	\$2,393.00	\$2,313.11	\$79.89
2000 Roads (ISTEA/TEA 21)	H0290	\$15,000.00	\$10,251.52	\$4,748.48
2007 Bridges - ISTE/TEA	H0383	\$431.05	\$245.07	\$185.98
2007 Roads - ISTE/TEA	H0384	\$6,066.91	\$96.22	\$5,970.69
2007 Co. Roads & Bridges - CHIPS	H0385	\$27,909.70	\$522.20	\$27,387.50
Highway and Bridge Program 2008	H0398	\$673.42	\$641.45	\$31.97

Finances

Table 8 Current Capital Projects (\$000)

August 31, 2015

Project	Code	Appropriation as of 08/31/2015	Encumbered and Expended as of 08/31/2015	Unencumbered Balance as of 08/31/2015
2009 Road & Bridge Improvements	H0409	\$5,262.02	\$5,023.72	\$238.30
Highway & Bridge Capital Projects	H0431	\$1,530.15	\$1,391.72	\$138.43
2012 Highway & Bridge Improv.	H0439	\$7,410.00	\$5,969.03	\$1,440.97
2013 Highway & Bridge Improv.	H0451	\$1,010.00	\$1,008.69	\$1.31
DPW Capital Equipment Bond	H0453	\$6,541.94	\$3,956.07	\$2,585.87
2014 Highway & Bridge Improvements	H0460	\$2,171.50	\$718.46	\$1,453.04
2014 Auto Center Vehicle Bond	H0461	\$68.00	\$67.78	\$0.22
2014 Highway Equipment	H0464	\$1,066.03	\$392.29	\$673.74
CR92 Project - DEP	H0468	\$808.00	\$2.85	\$805.15
2014 Economic Dev. Bridge Projects	H0469	\$800.00	\$0.00	\$800.00
2015 Highway and Bridge Improvements	H0479	\$2,900.00	\$0.25	\$2,899.75
CR41 Reconstruction Project	H0480	\$8,765.67	\$942.69	\$7,822.98
2015 Capital Equipment	H0481	\$678.83	\$54.10	\$624.73
Auto Center Vehicle Bond	H0482	\$40.00	\$39.36	\$0.64
Transportation - Aviation				
2007 Airport Improvements	EA0389	\$0.00	\$0.00	\$0.00
2012 DPW Airport Fuel Tanks	EA0445	\$1,565.89	\$1,520.87	\$45.02
2013 Airport Improvements	EA0454	\$76.00	\$17.98	\$58.02
2014 Airport Equipment	EA0464	\$2,497.05	\$1,617.07	\$879.97
FAA Project - Taxiways A, B & C	EA0470	\$22.00	\$21.60	\$0.40
Airport Electrical Building Project	EA0472	\$1,430.00	\$1,422.52	\$7.48
Airport Taxiway A Realignment	EA0475	\$751.00	\$59.97	\$691.03

Finances

Table 8 Current Capital Projects (\$000)

August 31, 2015

Project	Code	Appropriation as of 08/31/2015	Encumbered and Expended as of 08/31/2015	Unencumbered Balance as of 08/31/2015
Transportation - Loop Bus				
2009 Loop Project	ET0411	\$0.00	\$0.00	\$0.00
2011 Capital Equip. & Improv.	ET0428	\$1,182.63	\$1,182.63	\$0.00
Fuel Tank & Site Rehab.	ET0435	\$977.50	\$269.35	\$708.15
Bus Replacement	ET0440	\$3,400.50	\$3,126.27	\$274.24
2012 DPW Buildings Bond	ET0442	\$3,737.09	\$3,627.33	\$109.76
Bus Replacement	ET0483	\$100.10	\$0.06	\$100.04
Grand Total		\$254,951.48	\$168,769.73	\$86,181.74

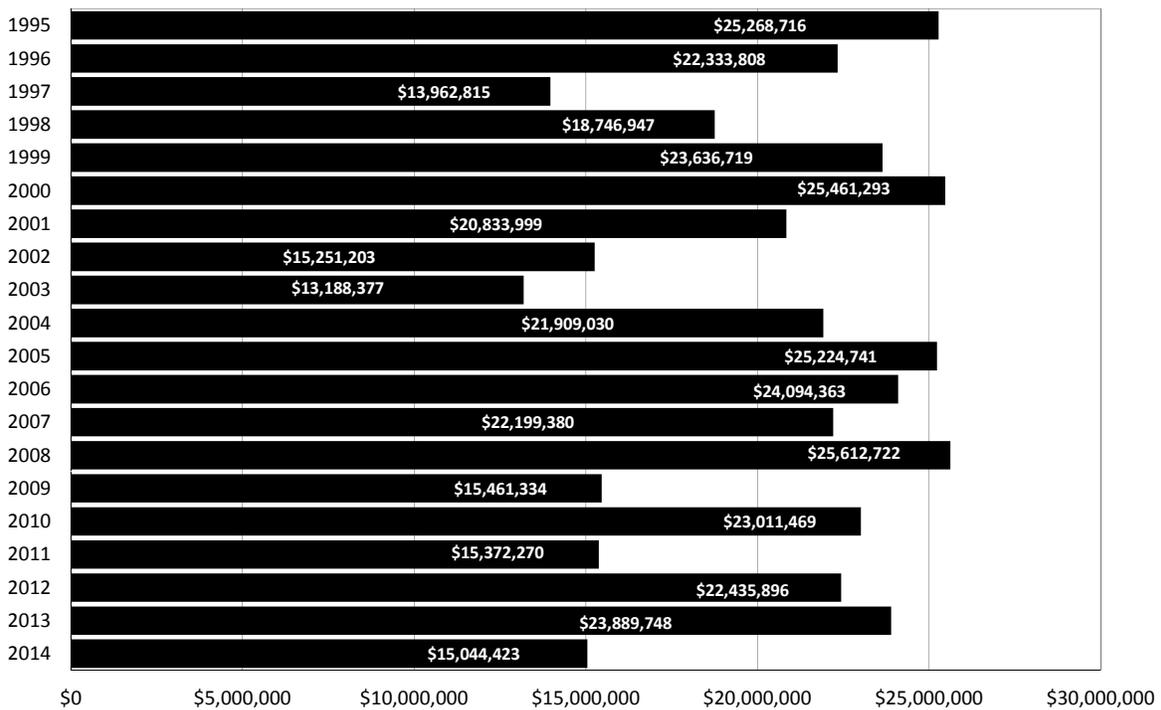
Finances

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 2014 a total of \$15 million was expended for capital outlays.

Table 9
Capital Outlays, Dutchess County Government, 1995-2014



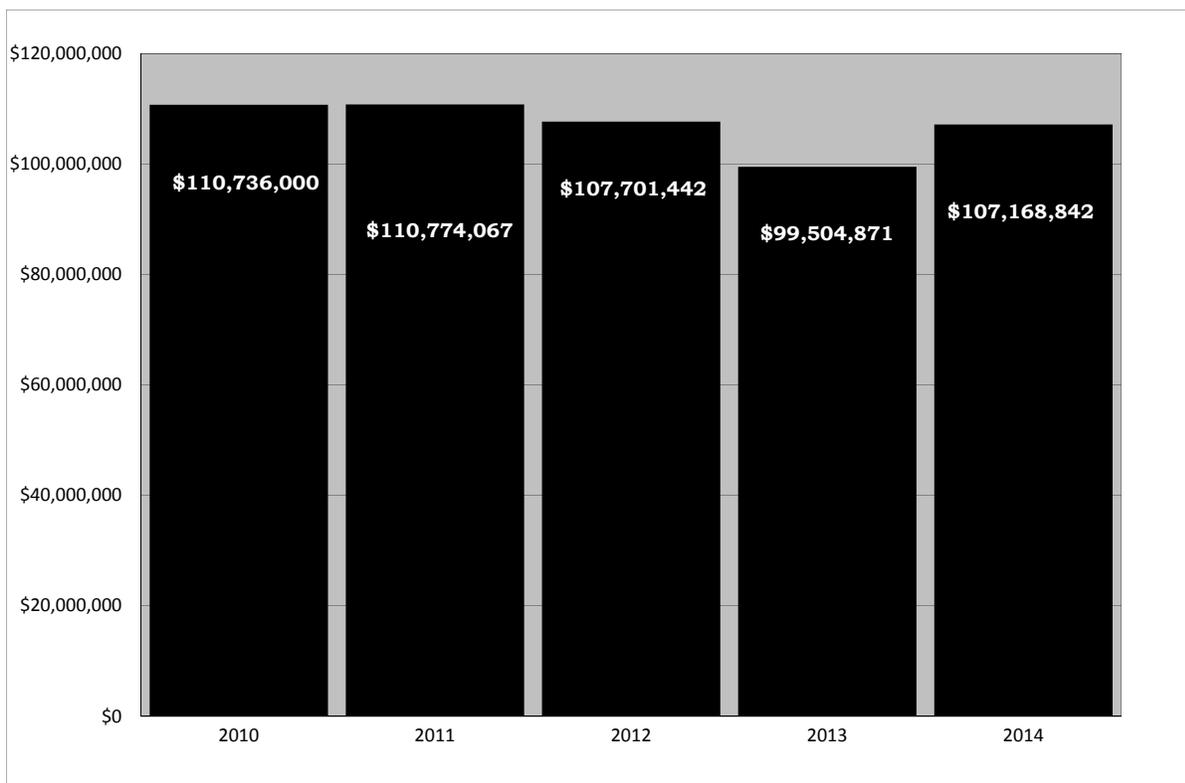
Source: State Comptroller's Annual Report Municipal Affairs, Dutchess County Department of Finance

Finances

INDEBTEDNESS

Table 10 provides a five-year summary of outstanding County indebtedness. Total outstanding indebtedness is projected to be \$119,428,760 on December 31, 2015.

Table 10
Total Outstanding Indebtedness,
Dutchess County Government 2010-2014



Finances

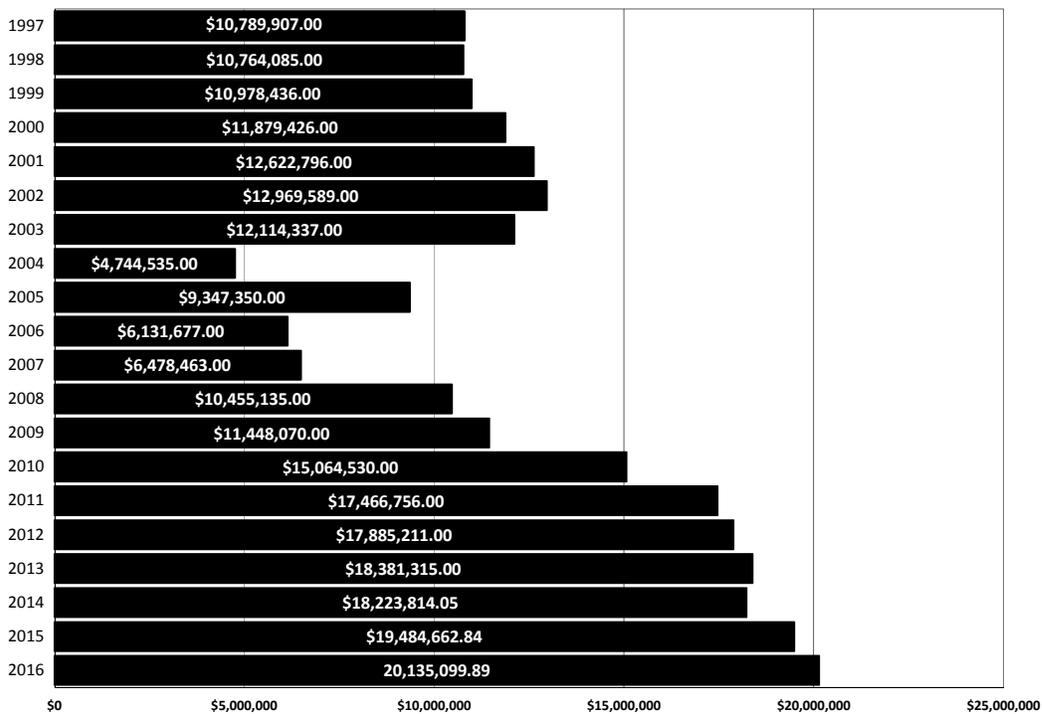
DEBT SERVICE

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

The 2016 projected debt service expenditure (including projected borrowing to occur in November 2015) for projects already approved by the County Legislature is \$20,135,099.89.*

As of August 31, 2015, total County borrowing represented only 4.79 percent of its constitutional debt limit.

Table 11
Debt Service, Dutchess County Government 1997-2016



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

*Figure above includes 2016 debt service payments plus anticipated borrowing in Nov. 2015. Does not include borrowing projections for all unissued debt.

Finances

Table 12: Debt Authorized and Unissued 2015

Project	Code	Authorized	Issued	Unissued
General Government Support-Bozella	A	\$7,575,000.00	\$0.00	\$7,575,000.00
Bus Replacement	ET0483	\$610,545.00	\$0.00	\$610,545.00
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	\$2,200,000.00	\$2,270,000.00
2012 DPW Building Demolition	H0446	\$1,767,500.00	\$1,150,000.00	\$617,500.00
2014 DPW Building Reconstruction	H0459	\$353,500.00	\$0.00	\$353,500.00
2014 Jail PODS Project	H0466	\$6,495,310.00	\$4,038,655.00	\$2,456,655.00
2014 Economic Dev Bridge Proj's.	H0469	\$5,050,000.00	\$1,000,000.00	\$4,050,000.00
2014 Parks Improvements	H0471	\$166,650.00	\$165,000.00	\$1,650.00
Acquisition - 503 Haight Avenue	H0473	\$1,426,625.00	\$0.00	\$1,426,625.00
2014 Partner/Manageable Growth	H0476	\$1,000,000.00	\$0.00	\$1,000,000.00
Water Transmission Line	H0477	\$2,900,000.00	\$0.00	\$2,900,000.00
2015 Highway & Bridge Improvements	H0479	\$5,471,000.00	\$0.00	\$5,471,000.00
CR41 Reconstruction Project	H0480	\$4,242,000.00	\$0.00	\$4,242,000.00
2015 Capital Equipment	H0481	\$734,270.00	\$0.00	\$734,270.00
2015 Auto Center Vehicle Bond	H0482	\$749,420.00	\$0.00	\$749,420.00
Building Repairs	H0484	\$1,333,200.00	\$0.00	\$1,333,200.00
DCC Campus Plan/Infrastructure I	HC0448	\$362,500.00	\$359,778.00	\$2,722.00
Total		\$47,523,584.00	\$9,973,433.00	\$37,550,151.00

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 2015.

Debt service for the first five (5) years of the projected November 2015 Serial Bond issue are as follows:

1st Year	\$3,568,887
2nd Year	\$3,582,472
3rd Year	\$3,548,846
4th Year	\$3,387,036
5th Year	\$3,243,524

The average debt service per year over the life of the bonds is \$1,615,264. The above information is based upon a bond issue of \$27,873,760 at 1.4% for 20 years. The balance in the Capital Reserve was \$4,578 as of December 31, 2014.

Computation of Debt Contracting Limitation	
2011	32,811,057,765
2012	31,895,759,236
2013	30,653,742,121
2014	29,575,302,089
2015	29,223,330,109

Total Five-Year Full Valuation	154,159,191,320
Average Five-Year Full Valuation	30,831,838,264
Debt Limit - 7% of Average Full Valuation	2,158,228,678

Dutchess County's debt limit is calculated based on a five-year average of the county's full valuation as seen above. The debt limit as of October 2015 is \$2.2 billion, which is 7% of the average five-year full valuation. Total net direct debt as of October 16, 2015 was \$90,995,000 which represents 4.22% 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.

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 2015 projects which have not gone before the Legislature for approval in 2015 will automatically be included in the 2016 Capital Plan, should these projects not be approved by the Legislature in 2015; 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 2016-2020 Dutchess County Capital Program, and be it further

RESOLVED, that the projects as shown for 2016 be recommended for approval of funding by the County Legislature in fiscal year 2016.

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