2019

DUTCHESS COUNTY CAPITAL PLAN

MARCUS J. MOLINARO
DUTCHESS COUNTY EXECUTIVE

Capital Improvement Program

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Capital Program Committee

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A. Gregg Pulver, Chair of County Legislature
John Metzger, Chair of Public Works and Capital Projects
Jessica White, Budget Director
Heidi Seelbach, Commissioner of Finance
Eoin Wrafter, Commissioner of Planning and Development
Robert H. Balkind, P.E., Commissioner of Public Works
David C. Whalen, Deputy Commissioner of Public Works

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The Dutchess County Department of Planning & Development
Capital Program Coordinator: **Heather LaVarnway**, Senior Planner

Letter to Legislators

Enclosed herein is the Capital Program 2019-2023, as adopted by the Capital Program Committee on August 14, 2018. 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. Projects listed for 2019 are recommended for submission to the County Legislature for approval in the next year. The projects included for 2020-2023 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 next 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 overall program cites fiver-year expenditures for public safety, recreation, transportation, physical and technical infrastructure and general service functions. In addition to county expenditures and bonding, sources of financing include Federal and State aid, 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,

Marcus J. Molinaro
COUNTY EXECUTIVE

Resolution

Robert Balkind, Commissioner of Public Works, 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 the status of existing Capital Projects; 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 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 2019-2023 Dutchess County Capital Program, and be it further

RESOLVED, that the projects as shown for 2019 be recommended for approval of funding by the County Legislature in fiscal year 2019.

Seconded by: Eoin Wrafter, Commissioner of Planning and Development

Resolution adopted by acclamation, August 14, 2018

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.

Capital expenditures for County departments, the Dutchess County Water and Wastewater Authority (DCWWA) and Dutchess Community College (DCC) are summarized in the pages that follow. Projects are grouped and prioritized by the requests of DCC, County departments and DCWWA. The highlights of the County's capital program are noted below; descriptions for all projects are included in the Section: 2019 – 2023 Capital Program Requests for Dutchess County.

Highlights

Dutchess County's Capital Program 2019-2023 provides for improvements to assets and infrastructure in multiple areas of County government. Projects are spread over the five-year period to equalize the impact on annual debt service obligations.

- Recommended 2019 capital projects involving existing County buildings include planning, design and renovations to various County buildings.
- The Highway Construction and Maintenance Division of the DPW has scheduled the replacement of various vehicles and equipment during 2019.
- The maintenance of County roads and bridges is an ongoing priority in Dutchess County. 2019 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 2019 investments on the design and implementation of the Parks Master Plan, as well as, improvements to Dutchess Stadium.
- DPW Airport has scheduled for new and replacement of airport equipment, design for the replacement of guidance signs at runways and taxiways, as well as, update the existing Airport Master Plan.

- Dutchess Community College projects for 2019 are improvement projects at Falcon, Taconic and Washington Halls, Orcutt Student Services Building, Greenspan Daycare Center, as well as, continuation of their phased infrastructure project and the purchase of a property on Creek Road.
- In 2019, the Department of Planning & Development will request 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 Water & Wastewaster Authority plans to conduct a Feasibility Study for a Water Storage Facility to serve the Central Dutchess Water Transmission Line (CDWTL).

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 priority ranking. This rating assists the Capital Program Committee in comparing projects in different departments.

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 assets and infrastructure, 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 when appropriate.

Fiscal Impact

The projected fiscal implications of the 2019-2023 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 also 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 activities. 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, who 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

As of December 31, 2018, Dutchess County is projected to have total outstanding debt of $133,374,536 and approved appropriations to pay down $14,074,536 in 2019. Thus, the net indebtedness for the County as of December 31, 2018 is projected to be $119,300,000. The net indebtedness is subject to the constitutional tax limit of $2.090 billion, and the amount as of December 31, 2018 represents 5.71% of this limit. As of August 31, 2018, the County had authorized but unissued debt totaling $177,400,617. The following table represents a summary of the County's debt service obligation as of December 31, 2018.

YEAR	PRINCIPAL	INTEREST	TOTAL
2019	14,074,536	5,192,265	$19,266,801
2020	12,825,000	3,812,544	$16,637,544
2021	10,625,000	3,354,763	$13,979,763
2022	9,200,000	2,961,581	$12,161,581
2023	8,125,000	2,634,481	$10,759,841
2024-2028	32,010,000	9,928,028	$41,938,028
2029-2033	17,335,000	6,225,947	$23,560,947
2034-2038	11,095,000	4,026,484	$15,121,484
2039-2043	8,305,000	2,526,028	$10,831,028
2044-2048	9,780,000	948,847	$10,728,847
	$133,374,536	$41,610,968	$174,985,504

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.

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. Recent refundings include the following:

- In February 2009, Dutchess County issued $15,095,000 in 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.

- In October 2016, the County issued $10,960,000 in Serial Bonds which were used to advance refund $11,800,000 of public improvement bonds issued in 2007 and 2008. The overall savings to the County was $1,413,527.

County fiscal staff continue to seek out other responsible debt management practices to effectively reduce costs. This includes the deferral of borrowings based upon the County's liquidity position.

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 2019.

- 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
- 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 Projects in 2019

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 included in the plan. The following projects have been proposed as part of the Capital Improvement Program for 2019.

Non-Recurring Capital Projects for 2019		
Department	**Project**	**Estimated County Cost**
Dutchess Community College	Purchase Creek Road Property	$87,500
DPW – Airport	Airport Master Plan Update	$21,800
DPW – Airport	New and Replacement Airport Equipment	$90,300
DPW – Airport	Airport Guidance Sign Replacement (Design)	$3,300
DPW – Buildings	Youth Services Center (Planning & Design)	$350,000
DPW – Parks	Dutchess Stadium Capital Improvements	$3,600,000
DPW – Parks	Parks Master Plan Design and Implementation	$2,000,000
Water & Wastewater Authority	Feasibility Study – Water Storage Facility	$150,000
	Total	**$6,302,900**

For detailed information regarding these projects, including project descriptions and total project costs, please refer to the *2019 – 2023 Capital Program Requests for Dutchess County* section.

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.

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.

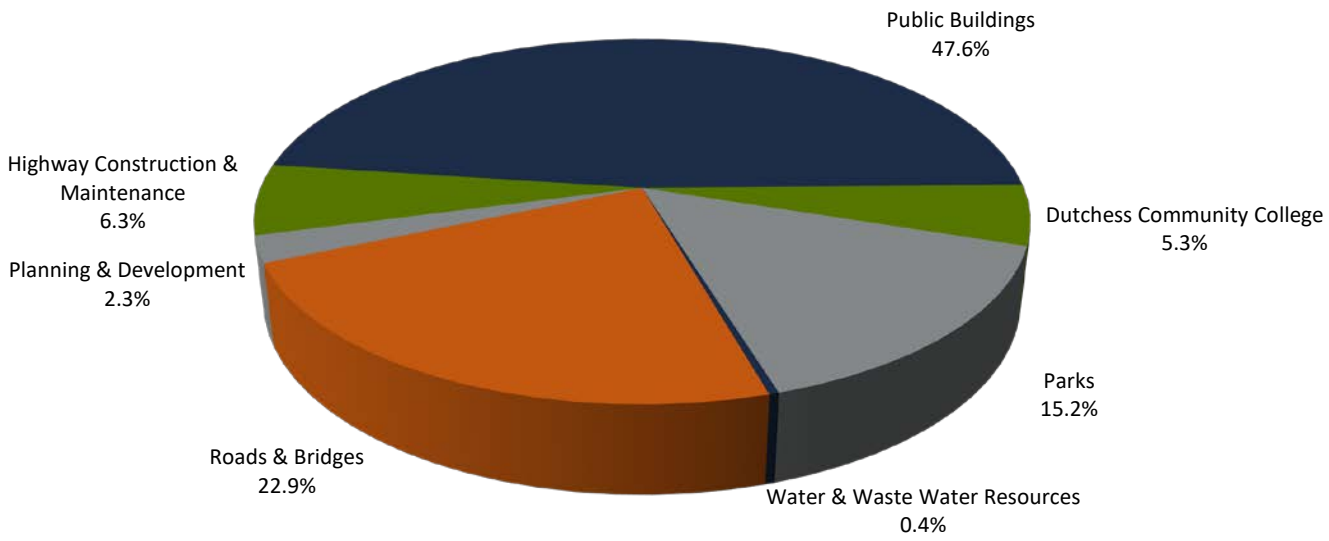
The 2019 Debt Service Obligation by Fund is detailed in the table below.

2019 Debt Service Summary by Fund			
Fund	**Serial Bond Principal**	**Serial Bond Interest**	**Debt Service Totals**
General Fund	13,015,699	4,924,874	17,940,573
Community College	520,786	140,520	661,306
Airport	235,365	77,690	313,055
Public Transportation	302,688	42,661	345,349
Total	**$14,074,538**	**$5,185,745**	**$19,260,283**

The below table indicates the projected 2019 debt service by department.

2019 Debt Service Summary by Department			
Department	**Serial Bond Principal**	**Serial Bond Interest**	**Debt Service Totals**
Dutchess Community College	520,786	140,520	661,306
Public Works - Airport	235,365	77,690	313,055
Public Works - Buildings	4,077,809	2,866,114	6,943,923
Public Works - Highway & Engineering	4,757,075	1,372,367	6,129,442
Public Works - Parks	970,462	196,665	1,167,127
Emergency Response	565,371	139,411	704,782
Finance	1,515,000	113,625	1,628,625
Public Works - Public Transit	302,688	42,661	345,349
Office of Central and Information Systems	461,000	24,545	485,545
Planning & Development	368,428	189,987	558,415
Probation & Community Corrections	44,554	11,228	55,782
Sheriff	256,000	10,932	266,932
Total	**$14,074,538**	**$5,185,745**	**$19,260,283**

2019 Summary of 2019 - 2023 Capital Program



Department:	2019	2020	2021	2022	2023
Dutchess Community College	$2,272,000	$1,411,000	$0	$0	$0
Planning & Development	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Public Works - Airport	994,000	1,377,000	3,593,000	1,983,800	1,198,000
Public Works - Buildings Division	20,350,000	19,150,000	4,000,000	4,000,000	4,000,000
Public Works - Engineering Division	9,800,000	8,500,000	9,000,000	9,250,000	9,000,000
Public Works - Highway Division	2,678,000	2,780,000	2,742,000	2,695,000	2,915,000
Public Works - Parks	6,500,000	2,000,000	2,000,000	1,000,000	1,000,000
Public Works - Public Transit	-	1,620,000	-	6,495,000	-
Water & Wastewater Authority	150,000	-	-	-	-
Total Gross Costs	**43,744,000**	**37,838,000**	**22,335,000**	**26,423,800**	**19,113,000**
Total Other Funding	**6,914,600**	**7,471,600**	**7,413,300**	**11,730,100**	**5,138,000**
Total Net County Costs*	**$36,829,400**	**30,366,400**	**14,921,700**	**$14,693,700**	**$13,975,000**

*Values are rounded

Note - Projects with costs to be determined are not included in the totals.

2019 - 2023 Capital Program Requests for Dutchess County ($000)

Dutchess Community College

Dutchess Community College (DCC) offers educational opportunities that prepare individuals to realize their full potential and contribute to a diverse and global society. DCC is in the process of developing a 2018 Comprehensive Academic and Facilities Master Plan to include all campus and satellite locations, which will inform the capital program. Projects in 2019-2020 will be reviewed for relevance, requirements, timing and costs and may change accordingly. Projects beyond 2020 are listed as TBD pending its completion. Fifty percent of 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, when available. 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

	2019	2019	2020	2021	2022	2023	Other than County Sources	
Project	Total Est. Project Cost	Projected County Share	Total Est. Project Cost	Total Est. Project Cost	Total Est. Project Cost	Total Est. Project Cost	% / Projected Amount	Source
Campus Infrastructure - Phase 3 - Construction*	676.0	338.0	0.0	0.0	0.0	0.0	50% / 338.0	SUNY Office of Capital Facilities
This phase updates the electrical service (switch gear, transformers and main cabling) in Taconic Hall, Orcutt Student Services Building, and the Greenspan Daycare Center.								
Design and Construct Falcon Hall Boiler Replacement*	518.0	259.0	0.0	0.0	0.0	0.0	50% / 259.0	SUNY Office of Capital Facilities
The project will replace the boilers with new dual-fuel fired units and replace all pumps and accessories.								
Falcon Hall Masonry Repairs*	207.0	103.5	0.0	0.0	0.0	0.0	50% / 103.5	SUNY Office of Capital Facilities
The project will consist of repairing the building's damaged brick façade, replacing hollow metal doors and frames, and painting/replacing sealants where necessary.								

*****As part of the 2018 Comprehensive Academic and Facilities Master Plan, the projects in 2019-2020 will be reviewed for relevance, requirements, timing and costs, and may change accordingly.

2019 - 2023 Capital Program Requests for Dutchess County ($000)

Dutchess Community College

Project	2019 Total Est. Project Cost	2019 Projected County Share	2020 Total Est. Project Cost	2021 Total Est. Project Cost	2022 Total Est. Project Cost	2023 Total Est. Project Cost	Other than County Sources % / Projected Amount	Other than County Sources Source
Purchase Creek Road Property*	175.0	87.5	0.0	0.0	0.0	0.0	50% / 87.5	SUNY Office of Capital Facilities
This project includes the purchase and remediation of residential property located at 176 Creek Road. The remediation will include tear down and removal of the existing dilapidated structures. The property will then be excavated and developed for future growth.								
Washington Hall Lab Exhaust Improvements*	577.0	288.5	0.0	0.0	0.0	0.0	50% / 288.5	SUNY Office of Capital Facilities
To relocate and replace the lab exhaust intake louvers to correct indoor air quality concerns. The project includes ductwork modifications, relocation of three to four exhaust fans within the mechanical room, and the addition of an exhaust louver.								
Washington Hall Masonry Repairs*	119.0	59.5	0.0	0.0	0.0	0.0	50% / 59.5	SUNY Office of Capital Facilities
This project will include resetting the stone sills, scraping and painting the lintels, remediating the source of the water infiltration, and repointing and cleaning the brick.								
Design New Academic Building*	0.0	0.0	857.0	0.0	0.0	0.0	50% / 428.5	SUNY Office of Capital Facilities
Design of a new 50,000 gross square foot academic building to create new instructional and student space. This project also includes the complete renovation of Hudson Hall (Phase 1 and Phase 2) and Taconic Hall.								

***As part of the 2018 Comprehensive Academic and Facilities Master Plan, the projects in 2019-2020 will be reviewed for relevance, requirements, timing and costs, and may change accordingly.

2019 - 2023 Capital Program Requests for Dutchess County ($000)

Dutchess Community College

Project	2019 Total Est. Project Cost	2019 Projected County Share	2020 Total Est. Project Cost	2021 Total Est. Project Cost	2022 Total Est. Project Cost	2023 Total Est. Project Cost	Other than County Sources % / Projected Amount	Other than County Sources Source
Upgrade Campus IT Infrastructure Phase 1*	0.0	0.0	554.0	0.0	0.0	0.0	50% / 277.0	SUNY Office of Capital Facilities
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.								
Construct New Academic Building	0.0	0.0	0.0	TBD	TBD	0.0	50%	SUNY Office of Capital Facilities
Construction phase of new academic building.								
Upgrade Campus IT Infrastructure Phase 2	0.0	0.0	0.0	TBD	0.0	0.0	50%	SUNY Office of Capital Facilities
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.								
Planning, Design and Renovations - Various Buildings	0.0	0.0	0.0	TBD	TBD	TBD	50%	SUNY Office of Capital Facilities
This project will fund planning, design and construction costs for renovations and alterations at various buildings identified through the College's 2018 Comprehensive Academic and Facilities Master Plan. Costs will include professional services (planning, studies, design, construction management & inspection, testing, etc.) and construction services, including hazardous materials abatement, if necessary. Costs will also include purchase of materials and equipment as needed.								
TOTAL - Dutchess Community College	**2,272.0**	**1,136.0**	**1,411.0**	**0.0**	**0.0**	**0.0**		

***As part of the 2018 Comprehensive Academic and Facilities Master Plan, the projects in 2019-2020 will be reviewed for relevance, requirements, timing and costs, and may change accordingly.

2019 - 2023 Capital Program Requests for Dutchess County ($000)

Planning & Development

The Department of Planning and Development is responsible for comprehensive county-wide planning, Greenway program implementation, farmland and open space preservation, review of municipal planning and zoning development projects, planning assistance to local governments, community development, housing and prevention of homelessness, comprehensive transportation planning and capital programming, County-wide shared services plan, implementation of the Agency Partner Grant (APG) and Municipal Innovation Grant (MIG) programs, public information, citizen participation, and comprehensive mapping and geographic information systems (GIS) data.

	2019	2019	2020	2021	2022	2023	Other than County Sources	
Project	Total Est. Project Cost	Projected County Share	Total Est. Project Cost	Total Est. Project Cost	Total Est. Project Cost	Total Est. Project Cost	% / Projected Amount	Source
Partnership for Manageable Growth (PMG)	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0		
Protecting important agricultural and open space resources is essential to Dutchess County's agriculture and tourism industries; protects environmental quality, supports biodiversity and mitigates the impacts of development. County Matching grants allow us to leverage funding from federal, state, local and private sources. Inclusion of PMG funding in the Capital Budget fulfills NYS requirements for documentation of the County's long-term commitment to funding partnerships.								
TOTAL - Planning & Development	**1,000.0**	**1,000.0**	**1,000.0**	**1,000.0**	**1,000.0**	**1,000.0**		

2019 - 2023 Capital Program Requests for Dutchess County ($000)

Public Works - Airport

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

Project	2019 Total Est. Project Cost	2019 Projected County Share	2020 Total Est. Project Cost	2021 Total Est. Project Cost	2022 Total Est. Project Cost	2023 Total Est. Project Cost	Other than County Sources: % / Projected Amount	Other than County Sources: Source
Airport Master Plan Update	435.0	21.8	0.0	0.0	0.0	0.0	5% / 21.7 90% / 391.5	NYSDOT FAA
Update existing Airport Master Plan, which is necessary for maintaining eligibility for FAA capital funds.								
Groundwater Mitigation at Hudson Valley Regional Airport	TBD	TBD	0.0	0.0	0.0	0.0		
Mitigation of groundwater contamination pursuant to NYS DEC Order on Consent.								
New and Replacement Airport Equipment	493.0	90.3	0.0	350.0	0.0	0.0	4% / 35.0 83% / 700.2	NYSDOT FAA (*includes 2019 and 2021)
Replace existing 2000 Oshkosh plow/spreader trucks with two new trucks, one in 2019 and one in 2021. Replace existing 1-ton dump truck with plow. Replace pavement paint sprayer. Purchase new aerial lift.								
Airport Guidance Sign Replacements (Design)	66.0	3.3	0.0	0.0	0.0	0.0	5% / 3.3 90% / 59.4	NYSDOT FAA
Replacement of airfield guidance signs and devices at runways and taxiways. This project is design services and environmental assessment services only.								
Appraisals & Pre-Negotiation for Easement Acquisition (Runway 6/24)	0.0	0.0	84.0	0.0	0.0	0.0	5% / 4.2 90% / 75.6	NYSDOT FAA
Appraisals and pre-negotiation for easement acquisitions for runway 6/24 associated with off-airport obstruction removal project.								

2019 - 2023 Capital Program Requests for Dutchess County ($000)

Public Works - Airport

Project	2019 Total Est. Project Cost	2019 Projected County Share	2020 Total Est. Project Cost	2021 Total Est. Project Cost	2022 Total Est. Project Cost	2023 Total Est. Project Cost	Other than County Sources % / Projected Amount	Source
On-Airport Obstruction Removal (Design & Permitting)	0.0	0.0	98.0	0.0	0.0	0.0	5% / 4.9 90% / 88.2	NYSDOT FAA
Removal of objects that have been identified by FAA as possible hazards to aircraft within the airport property.								
Terminal Apron and Taxiways E & F Rehabilitation (Design and Permitting)	0.0	0.0	140.0	0.0	0.0	0.0	5% / 7.0 90% / 126.0	NYSDOT FAA
Rehabilitate pavement surface at the airport terminal apron and taxiways E & F. Project may include pavement and drainage repairs, and may also include full depth pavement reconstruction as needed. New pavement striping will be included as needed.								
Runway 6/24 Safety Area Improvements (Final Design)	0.0	0.0	300.0	0.0	0.0	0.0	5% / 15.0 90% / 270.0	NYSDOT FAA
Project involves creating a runway safety area at both ends of runway 6/24. Project will include relocation of navigation aids and runway guidance signs as needed, and new pavement striping as needed.								
Airport Guide Sign Replacements (Construction)	0.0	0.0	755.0	0.0	0.0	0.0	5% / 37.7 90% / 679.5	NYSDOT FAA
Replacement of airfield guidance signs and devices at runways and taxiways. This project is design services and environmental assessment services only.								
On-Airport Obstruction Removal (Construction)	0.0	0.0	0.0	1,102.0	0.0	0.0	5% / 55.1 90% / 991.8	NYSDOT FAA
Removal of on-airport obstructions.								

2019 - 2023 Capital Program Requests for Dutchess County ($000)

Public Works - Airport

Project	2019 Total Est. Project Cost	2019 Projected County Share	2020 Total Est. Project Cost	2021 Total Est. Project Cost	2022 Total Est. Project Cost	2023 Total Est. Project Cost	Other than County Sources % / Projected Amount	Source
Replace Runway Lighting (Design)	0.0	0.0	0.0	58.0	0.0	0.0	5% / 2.9 90% / 52.2	NYSDOT FAA
This project is for the design of in-pavement runway light replacements for runway 6/24. Included are existing edge light removals, replacement with new in-pavement elevated edge lights, associated cable and transformer replacements, and the installation of drainage conduit where possible to direct water infiltrating the lighting system to established drainage conveyances.								
Runway 6/24 Safety Area Improvements (Construction)	0.0	0.0	0.0	2,083.0	0.0	0.0	5% / 104.1 90% / 1,874.7	NYSDOT FAA
Project involves creating a runway safety area at both ends of runway 6/24. Project will include relocation of navigation aids and runway guidance signs as needed, and new pavement striping as needed.								
Appraisals & Pre-Negotiation for Easement Acquisition at the "33" End of Runway 15/33	0.0	0.0	0.0	0.0	72.0	0.0	5% / 3.6 90% / 64.8	NYSDOT FAA
Appraisals and pre-negotiation for acquiring property and/or property rights needed for the removal of obstructions off-airport at the "33" end of runway 15/33.								
Terminal Apron and Taxiways E & F Rehabilitation (Construction)	0.0	0.0	0.0	0.0	1,497.0	0.0	5% / 74.8 90% / 1,347.3	NYSDOT FAA
Rehabilitate pavement surface at the airport terminal apron and taxiways E & F. Project may include pavement and drainage repairs, and may also include full depth pavement reconstruction as needed. New pavement striping will be included as needed.								
Obstruction Removal, Off-Airport, Runway 6/24 (Design & Permitting)	0.0	0.0	0.0	0.0	414.8	0.0	5% / 20.7 90% / 373.4	NYSDOT FAA
Design and permitting for off-airport obstruction removal at runway 6/24.								

2019 - 2023 Capital Program Requests for Dutchess County ($000)

Public Works - Airport

Project	2019 Total Est. Project Cost	2019 Projected County Share	2020 Total Est. Project Cost	2021 Total Est. Project Cost	2022 Total Est. Project Cost	2023 Total Est. Project Cost	Other than County Sources % / Projected Amount	Source
Appraisal & Pre-Negotiation for Easement Acquisition at the "15" End of Runway 15/33	0.0	0.0	0.0	0.0	0.0	140.0	5% / 7.0 90% / 126.0	NYSDOT FAA
Appraisal and pre-negotiation activities for acquiring property and rights to remove off-airport obstructions at the "15" end of runway 15/33.								
Obstruction Removal, Off-Airport, Runway 6/24 (Construction)	0.0	0.0	0.0	0.0	0.0	651.0	5% / 32.5 90% / 585.9	NYSDOT FAA
Removal of obstructions off-airport at runway 6/24.								
Replace Runway Lighting (Construction)	0.0	0.0	0.0	0.0	0.0	407.0	5% / 20.3 90% / 366.3	NYSDOT FAA
This project is for the construction of in-pavement runway light replacements for runway 6/24. Included are existing edge light removals, replacement with new in-pavement elevated edge lights, associated cable and transformer replacements, and the installation of drainage conduit where possible to direct water infiltrating the lighting system to established drainage conveyances.								
TOTAL - Public Works - Airport	**994.0**	**115.4**	**1,377.0**	**3,593.0**	**1,983.8**	**1,198.0**		

2019 - 2023 Capital Program Requests for Dutchess County ($000)

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.

Project	2019 Total Est. Project Cost	2019 Projected County Share	2020 Total Est. Project Cost	2021 Total Est. Project Cost	2022 Total Est. Project Cost	2023 Total Est. Project Cost	Other than County Sources % / Projected Amount	Other than County Sources Source
HVAC Infrastructure Repairs at 10 & 22 Market Street	16,000.0	16,000.0	0.0	0.0	0.0	0.0		
Replacement of HVAC piping and related systems and equipment including asbestos abatement for 10 and 22 Market Street. This project will be a multi-phased, multi-year build-out.								
HVAC Piping & Infrastructure Replacement Program - Various Buildings	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0		
This project will fund replacement and upgrades of HVAC systems at various County buildings.								
Planning, Design and Renovation - Various Buildings	2,500.0	2,500.0	2,500.0	2,500.0	2,500.0	2,500.0		
This project will fund planning, design and construction costs for renovations and alterations at various County buildings, including renovation of the 4th floor of 22 Market Street in 2019. Costs will include professional services (planning, studies, design, construction management & inspection, testing, etc.) and construction services, including hazardous materials abatement. Costs will also include purchase of moving services, furnishings, fixtures, and equipment as needed.								
Roof Replacements at Various Buildings	500.0	500.0	500.0	500.0	500.0	500.0		
This project will fund replacement or major repairs of roofs at various County buildings.								
Youth Services Center	350.0	350.0	1,150.0	0.0	0.0	0.0		
Planning and design in 2019, with renovations for new Youth Services Center in 2020.								

2019 - 2023 Capital Program Requests for Dutchess County ($000)

Public Works - Buildings Division

Project	2019 Total Est. Project Cost	2019 Projected County Share	2020 Total Est. Project Cost	2021 Total Est. Project Cost	2022 Total Est. Project Cost	2023 Total Est. Project Cost	Other than County Sources % / Projected Amount	Other than County Sources Source
230 North Road Campus and Building Renovations - Phase 2 & 3	0.0	0.0	14,000.0	0.0	0.0	0.0		
Renovation of buildings, parking lots, and HVAC systems at 230 North Road. The construction will be completed in two separate phases over a multi-year build-out period.								
TOTAL - Public Works - Buildings Division	**20,350.0**	**20,350.0**	**19,150.0**	**4,000.0**	**4,000.0**	**4,000.0**		

2019 - 2023 Capital Program Requests for Dutchess County ($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 395 miles of roads with storm drainage and traffic control devices.

	2019	2019	2020	2021	2022	2023	Other than County Sources	
Project	Total Est. Project Cost	Projected County Share	Total Est. Project Cost	Total Est. Project Cost	Total Est. Project Cost	Total Est. Project Cost	% / Projected Amount	Source
Highway & Bridge Improvements and Reconstruction	9,800.0	5,800.0	8,500.0	9,000.0	9,250.0	9,000.0	44% / 20,000.0	NYSDOT, CHIPs* (2019 CHIPs funding = $4,000.)
This project funds highway improvements, bridge replacement or reconstruction, traffic safety projects, drainage system replacements and repairs, pavement management programs, parking lot improvements, and traffic signal and signage improvements. Costs include professional services for design and inspection, acquisition of right-of-way, construction services, and purchase of materials.								
**The projected $20 million in CHIPs funding will partially offset County costs over the 5-year project period.*								
TOTAL - Public Works - Engineering Division	**9,800.0**	**5,800.0**	**8,500.0**	**9,000.0**	**9,250.0**	**9,000.0**		

2019 - 2023 Capital Program Requests for Dutchess County ($000)

Public Works - Highway Division

The Highway Division is responsible for overseeing numerous programs to maintain the County's 395 centerline miles of roads, 140 bridges and 178 drainage structures.

Project	2019 Total Est. Project Cost	2019 Projected County Share	2020 Total Est. Project Cost	2021 Total Est. Project Cost	2022 Total Est. Project Cost	2023 Total Est. Project Cost	Other than County Sources % / Projected Amount	Other than County Sources Source
Department of Public Works Capital Equipment	1,503.0	1,503.0	1,565.0	1,487.0	1,400.0	1,580.0		
Purchase replacement trucks and machinery for the Department of Public Works.								
Law Enforcement Replacement Vehicles	650.0	650.0	675.0	700.0	725.0	750.0		
Replacement law enforcement vehicles and equipment for the Sheriff's Office.								
Replacement Vehicles for Various Departments	525.0	525.0	540.0	555.0	570.0	585.0		
Replacement vehicles for various County departments and agencies, except the Sheriff's Office.								
TOTAL - Public Works - Highway Division	**2,678.0**	**2,678.0**	**2,780.0**	**2,742.0**	**2,695.0**	**2,915.0**		

2019 - 2023 Capital Program Requests for Dutchess County ($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), as well as 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 27 acres along the Hudson River and is a partnership between the State and the County.

	2019	2019	2020	2021	2022	2023	Other than County Sources	
Project	Total Est. Project Cost	Projected County Share	Total Est. Project Cost	Total Est. Project Cost	Total Est. Project Cost	Total Est. Project Cost	% / Projected Amount	Source
Dutchess Stadium Capital Improvements	4,500.0	3,600.0	0.0	0.0	0.0	0.0	20% / 900.0	CFA Grant
Renovations to existing stadium buildings and systems. Construction of new stadium enhancements to improve fan experience, offer additional vending areas, enlarge suites, and construct a year-round event space. Required for CFA match.								
Parks Master Plan Design and Implementation	2,000.0	2,000.0	2,000.0	2,000.0	1,000.0	1,000.0		
Design and implementation of recommendations that will be developed through the Parks Master Plan process. Each year's funding will include implementation of current projects and design of next year's phase.								
TOTAL - Public Works - Parks	**6,500.0**	**5,600.0**	**2,000.0**	**2,000.0**	**1,000.0**	**1,000.0**		

2019 - 2023 Capital Program Requests for Dutchess County ($000)

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.

Project	2019 Total Est. Project Cost	2019 Projected County Share	2020 Total Est. Project Cost	2021 Total Est. Project Cost	2022 Total Est. Project Cost	2023 Total Est. Project Cost	Other than County Sources % / Projected Amount	Other than County Sources Source
Replace Four (4) 30' Medium Duty Diesel (International) Buses	0.0	0.0	1,620.0	0.0	0.0	0.0	10% / 162.0 80% / 1,296.0	NYSDOT FTA
Project will replace four (4) 30' medium duty diesel buses (International).								
Replace Six (6) 40' Heavy Duty Diesel (Orion) Buses	0.0	0.0	0.0	0.0	2,850.0	0.0	10% / 285.0 80% / 2,280.0	NYSDOT FTA
Project will replace six (6) 40' heavy duty diesel buses (Orion).								
Replace Nine (9) 30' Medium Duty Diesel (International) Buses	0.0	0.0	0.0	0.0	3,645.0	0.0	10% / 364.5 80% / 2,916.0	NYSDOT FTA
Project will replace nine (9) 30' medium duty diesel buses (International).								
TOTAL - Public Works - Public Transit	**0.0**	**0.0**	**1,620.0**	**0.0**	**6,495.0**	**0.0**		

2019 - 2023 Capital Program Requests for Dutchess County ($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.

	2019	2019	2020	2021	2022	2023	Other than County Sources	
Project	Total Est. Project Cost	Projected County Share	Total Est. Project Cost	Total Est. Project Cost	Total Est. Project Cost	Total Est. Project Cost	% / Projected Amount	Source
Feasibility Study - Water Storage Facility	150.0	150.0	0.0	0.0	0.0	0.0		
Feasibility Study for a Water Storage Facility to serve the Central Dutchess Water Transmission Line (CDWTL), Dutchess County Airport Water Line, and Hudson Valley Regional Airport. Involves an update to the 2006 Engineering Feasibility Study to assess the storage volume needed, siting considerations, evaluation of potential sites, and estimates of probable cost for selected options.								
Water Storage Facility	0.0	0.0	TBD	TBD	TBD	TBD		
Water Storage Facility for the Central Dutchess Water Transmission Line (CDWTL), Dutchess County Airport Water Line, and Hudson Valley Regional Airport. 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 will be determined once other participants and their potential needs are identified.								
TOTAL - Water & Wastewater Authority	**150.0**	**150.0**	**0.0**	**0.0**	**0.0**	**0.0**		
TOTAL - ALL DEPARTMENTS	**43,744.0**	**36,829.4**	**37,838.0**	**22,335.0**	**26,423.8**	**19,113.0**		

Current Capital Projects

Project	Code (a)	Appropriation as of 8/31/2018 (b)	Encumbered and Expended as of 8/31/2018 (c)	Unencumbered Balance as of 8/31/2018 (d)
Dutchess Community College				
DCC Bowne Hall Roof Replacement	HC0437	$691,445	$450,000	$241,445
DCC Campus Infrastructure Phase II	HC0489	1,980,000	11,125	1,968,875
DCC Infrastructure Phase III Roof	HC0503	626,250	183,696	442,554
DCC 2017 Safety/Fire alarm Update	HC0509	823,000	-	823,000
DCC 2017 Master Plan Update	HC0510	500,000	-	500,000
DCC 2017 Roof Replacement	HC0511	1,801,200	825,176	976,024
Economic Assistance and Opportunity				
2017 Auto Center Vehicle Bond	H0504	170,000	161,236	8,764
2018 Capital Equipment	H0516	145,400	15,952	129,448
2018 Auto Center Vehicle Bond	H0520	69,000	-	69,000
2018 Auto Center Vehicle Bond	H0520	24,000	-	24,000
2018 Auto Center Vehicle Bond	H0520	24,000	-	24,000
2018 OFA Building Equipment	H0521	1,000,000	182,796	817,204
General Service				
2010 Building Reconstruction	H0420	1,439,250	929,777	509,473
Enterprise Content Management System	H0449	960,000	463,170	496,830
2014 DPW Building Reconstruction	H0459	2,171,500	2,129,965	41,535
HazMat Survey - Phase I	H0465	439,500	194,871	244,629
2014 Jail PODS Project	H0466	8,393,303	6,612,468	1,780,835
2014 DPW Building Demolition	H0467	808,000	31,319	776,681
Acquisition - 503 Haight Avenue	H0473	1,426,625	1,345,859	80,766
Water Transmission Line	H0477	3,700,000	3,002,040	697,960
Building Repairs	H0484	1,333,200	1,200,081	133,119
230 North Rd. Renov/Crisis Stabil	H0486	4,848,000	4,332,349	515,651
DC Justice & Transition Center	H0487	192,150,000	39,452,750	152,697,250
2016 Auto Center Vehicle Bond	H0494	872,640	857,630	15,010
2016 Building Repairs/Renovation	H0496	3,333,000	2,050,048	1,282,952
2016 Acq/Renov 45 Market Street	H0499	6,988,000	5,624,433	1,363,567
2017 Auto Center Vehicle Bond	H0504	32,545	24,147	8,398

Current Capital Projects

Project	Code (a)	Appropriation as of 8/31/2018 (b)	Encumbered and Expended as of 8/31/2018 (c)	Unencumbered Balance as of 8/31/2018 (d)
2017 Emergency Generators	H0508	2,614,811	86,725	2,528,086
100-102 Parker Avenue	H0513	488,000	487,537	463
2018 Capital Equipment	H0516	60,000	-	60,000
2018 Auto Center Vehicle Bond	H0520	30,000	23,123	6,877
2018 Auto Center Vehicle Bond	H0520	24,000	-	24,000
2018 Auto Center Vehicle Bond	H0520	93,000	-	93,000
2018 Auto Center Vehicle Bond	H0520	79,210	-	79,210
2018 Auto Center Vehicle Bond	H0520	24,000	-	24,000
Home and Community Service				
2014 Partner/Manageable Growth	H0476	1,000,000	590,452	409,548
2016 - Partner/Manageable Growth	H0500	1,000,000	-	1,000,000
2017 Auto Center Vehicle Bond	H0504	24,500	22,967	1,533
Partnership/Manageable Growth	H0512	1,000,000	-	1,000,000
2018 Auto Center Vehicle Bond	H0520	47,000	-	47,000
2018 Auto Center Vehicle Bond	H0520	22,000	-	22,000
Recreation				
2006 Parks Plan	H0372	12,778,000	10,570,686	2,207,314
Stadium Capital Improvement	H0373	431,050	411,834	19,216
Parks Capital Projects	H0434	2,872,450	2,614,107	258,343
2014 Highway Equipment	H0464	44,000	43,883	117
2014 Parks Improvements	H0471	166,650	85,836	80,814
2016 Park Improvements	H0493	375,000	123,117	251,883
2017 Capital Equipment	H0505	60,000	50,677	9,323
2018 Capital Equipment	H0516	113,000	27,618	85,382
2018 Auto Center Vehicle Bond	H0520	45,000	-	45,000
Safety				
Criminal Justice System	H0348	2,650,000	2,615,065	34,935
Emergency Response Training Room	H0358	6,825,000	6,824,998	2
DC Jail Security & Comm. System	H0422	3,456,600	2,616,093	840,507
Jail Project - Design Phase	H0456	1,212,000	1,150,231	61,769

Current Capital Projects

Project	Code (a)	Appropriation as of 8/31/2018 (b)	Encumbered and Expended as of 8/31/2018 (c)	Unencumbered Balance as of 8/31/2018 (d)
2016 911 Communication Systems	H0497	2,048,758	2,010,174	38,584
2017 Auto Center Vehicle Bond	H0504	505,000	484,430	20,570
2018 Emergency Response Train Cr.	H0514	3,030,000	-	3,030,000
2018 ER 911 Phone System	H0519	630,120	-	630,120
2018 Auto Center Vehicle Bond	H0520	616,000	-	616,000
Transportation (Roads & Bridges)				
2000 Bridges- ISTEA/TEA 21	H0289	15,000,000	11,281,126	3,718,874
2000 Roads (ISTEA/TEA 21)	H0290	10,238,000	9,730,609	507,391
2007 Bridges - ISTEA	H0383	6,066,909	3,340,228	2,726,681
2007 Roads - ISTEA	H0384	27,909,699	3,927,940	23,981,759
Highway & Bridge Capital Projects	H0431	4,921,178	4,916,243	4,935
2013 Highway & Bridge Improv.	H0451	6,541,940	6,504,163	37,777
2014 Highway & Bridge Improvements	H0460	8,630,679	7,953,436	677,243
2014 Highway Equipment	H0464	1,048,030	883,464	164,566
CR92 Project - DEP	H0468	800,000	-	800,000
2014 Economic Dev. Bridge Projects	H0469	6,738,000	3,624,409	3,113,591
2015 Highway and Bridge Improvements	H0479	8,765,666	7,570,014	1,195,652
2016 Highway & Bridge Improvements	H0491	7,735,040	6,014,081	1,720,959
2016 Capital Equipment	H0495	339,360	326,248	13,112
2016 Fallkill Dam Improvements	H0498	425,000	27,660	397,340
2017 Auto Center Vehicle Bond	H0504	80,500	78,503	1,997
2017 Capital Equipment	H0505	838,900	676,725	162,175
2017 Hwy & Bridge Improvements	H0506	6,928,500	4,724,819	2,203,681
2018 Highway & Bridge Improvements	H0515	6,948,695	1,156,185	5,792,510
2018 Capital Equipment	H0516	1,065,704	217,723	847,981
2018 Auto Center Vehicle Bond	H0520	35,000	-	35,000
Transportation - Aviation				
2012 DPW Airport Fuel Tanks	EA0445	76,000	26,005	49,995
2015 Airport Obstruction Removal	EA0485	290,000	284,198	5,802
2016 Capital Improvements	EA0488	35,000	35,000	-

Current Capital Projects

Project	Code (a)	Appropriation as of 8/31/2018 (b)	Encumbered and Expended as of 8/31/2018 (c)	Unencumbered Balance as of 8/31/2018 (d)
Airport ARFF/SRE Bldg. & Wtr. Dist.	EA0492	8,816,900	346,268	8,470,632
DCC Airport Educational Facility	EA0501	8,106,945	1,065,478	7,041,467
2016 Airport Property Renovation	EA0502	988,500	105,108	883,392
2017 Auto Center Vehicle Bond	EA0504	45,955	40,312	5,643
2017 EMAS Replacement	EA0507	145,000	73,158	71,842
2018 Capital Equipment	EA0516	78,078	-	78,078
On-Airport Water Line	EA0518	808,000	578,838	229,162
2018 Auto Center Vehicle Bond	EA0520	73,730	-	73,730
Transportation - Public Transit				
Fuel Tank & Site Rehab.	ET0435	3,449,082	3,341,760	107,322
Bus Replacement	ET0440	3,737,091	3,735,713	1,378
2012 DPW Buildings Bond	ET0442	100,100	58	100,042
Bus Replacement	ET0483	7,578,052	6,046,686	1,531,366
2016 Bus Replacement	ET0490	3,791,768	3,310,546	481,222
Grand Total		**$440,292,008**	**$192,863,144**	**$247,428,864**

(a) Refers to the project number assigned to each individual capital project in the County's accounting records. The letter refers to the fund as follows: ET - Enterprise Transportation (Bus), EA - Enterprise Airport and H - Capital Projects (all other).

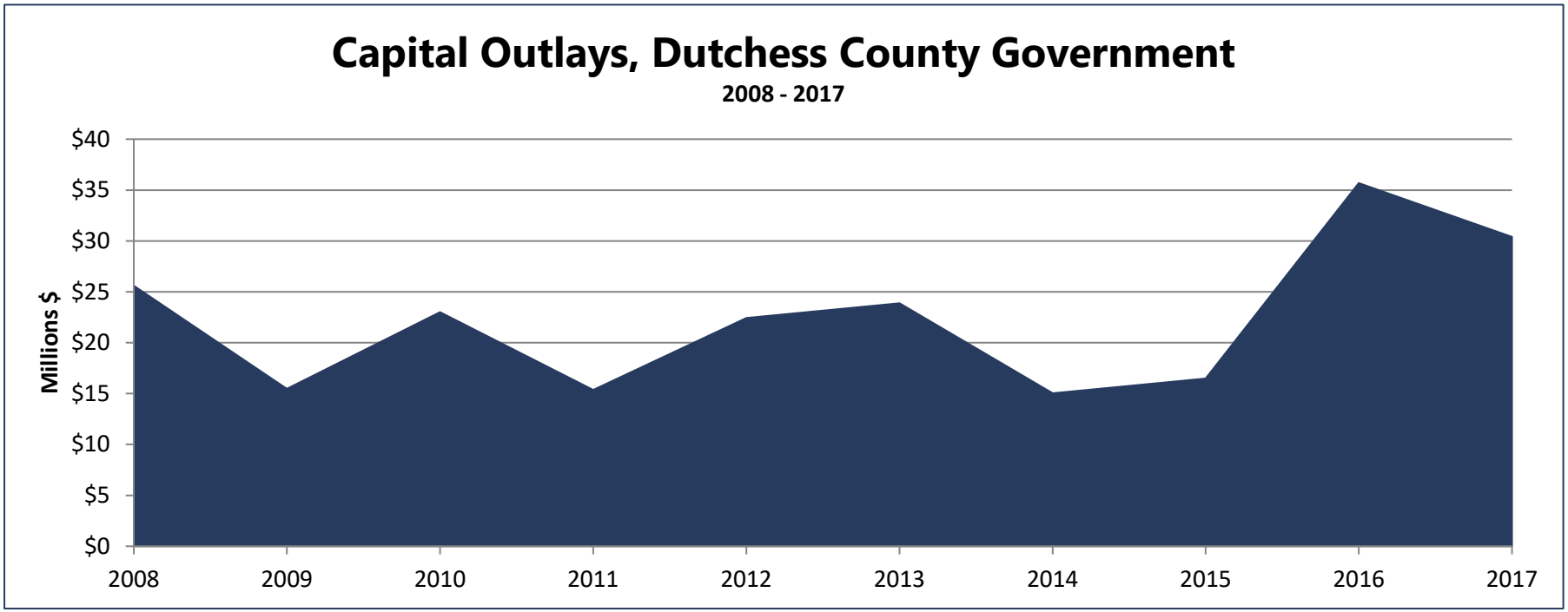
(b) The total amount the Legislature has authorized the County to spend in connection with the specific capital project.

(c) The total amount the County has spent (expended) and committed to spend in the future (encumbered) in connection with the specific capital project.

(d) The remaining amount the County is authorized to spend in connection with the specific capital project.

Capital Expenditure Trends

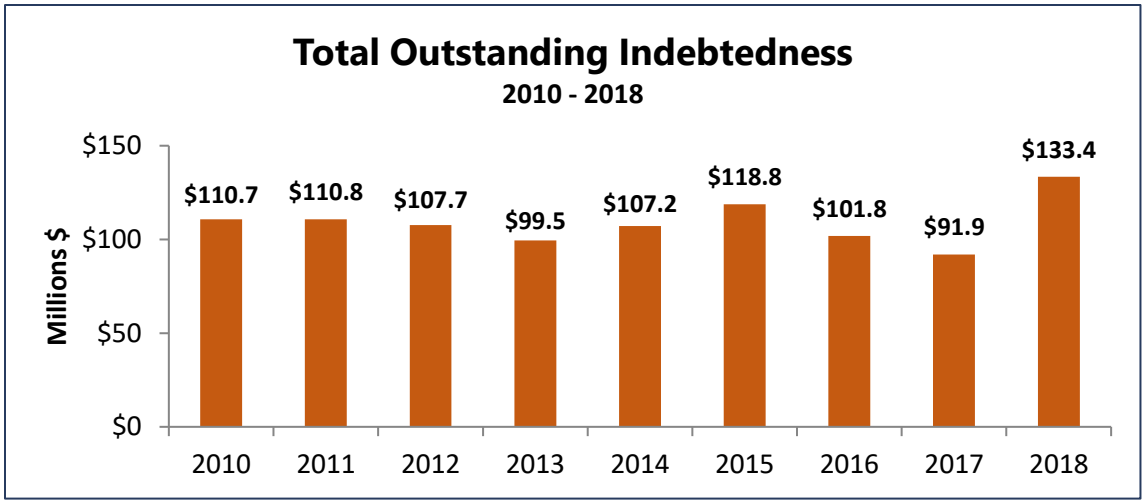
Capital outlays include expenditures for capital equipment and for construction, improvement and acquisition of fixed assets such as public buildings, roads, bridges and real property. A ten-year summary of capital outlays is provided below. In 2017, a total of $30.4 million was expended for capital outlays.

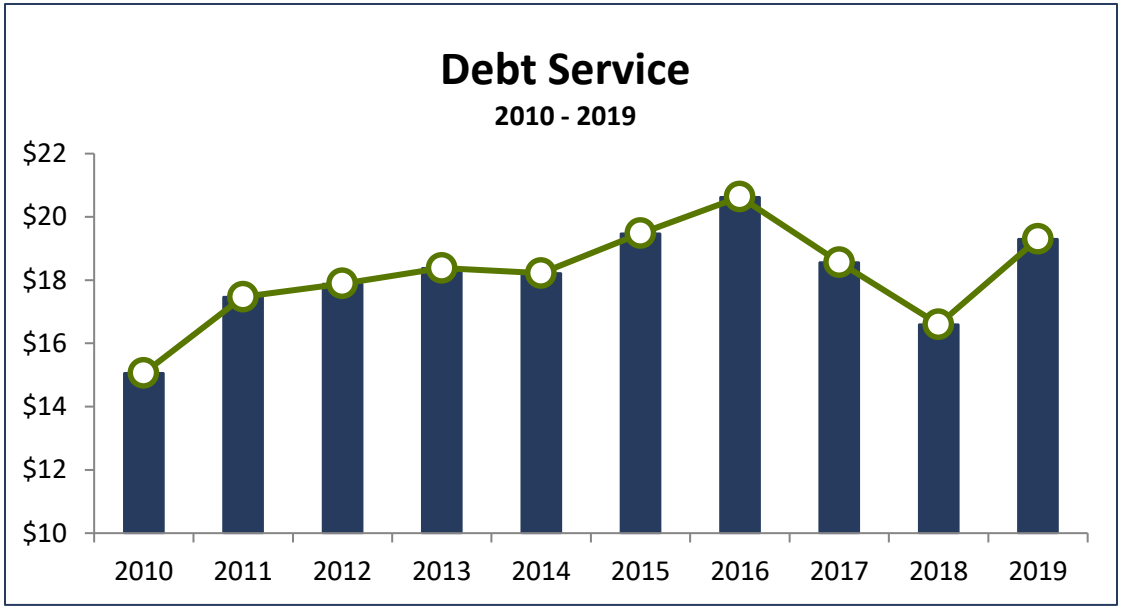


**Source: State Comptroller's Annual Report Municipal Affairs, Dutchess County Department of Finance*

Indebtedness

The outstanding indebtedness table provides a five-year summary of outstanding County indebtedness. Total outstanding indebtedness is projected to be $133,374,536 on December 31, 2018.





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

Debt Service

Debt Service includes payment of principal and interest on bonds and notes. The Debt Service table provides a summary of debt service payments from 2010 through 2018 and the budgeted amount for 2019.

The 2019 projected debt service expenditure for projects already approved by the County Legislature is $19,260,283.

Debt Authorized and Unissued 2018

Project	Code (a)	August 31, 2018 Authorized (b)	Issued (c)	Unissued (d)
DCC Airport Educational Facility	EA0501	$1,812,445	$1,200,000	$612,445
2017 Auto Center Vehicle Bond	EA0504	45,955	-	45,955
2018 Capital Equipment	EA0516	7,878	-	7,878
On-Airport Water Line	EA0518	808,000	-	808,000
2018 Auto Center Vehicle Bond	EA0520	73,730	-	73,730
2016 Bus Replacement	ET0490	332,136	332,136	-
2014 Parks Improvements	H0471	166,650	165,000	1,650
2014 Partner/Manageable Growth	H0476	1,000,000	750,000	250,000
Water Transmission Line	H0477	2,900,000	2,900,000	-
230 North Rd. Renov/Crisis Stabil	H0486	4,848,000	4,300,000	548,000
DC Justice & Transition Center	H0487	192,150,000	40,000,000	152,150,000
2016 Highway & Bridge Improvements	H0491	4,044,040	2,500,000	1,544,040
2016 Auto Center Vehicle Bond	H0494	872,640	775,000	97,640
2016 Capital Equipment	H0495	339,360	330,000	9,360
2016 Building Repairs/Renovation	H0496	3,333,000	2,100,000	1,233,000
2016 Acq/Renov 45 Market St.	H0499	4,595,000	-	4,595,000
2016 - Partner/Manageable Growth	H0500	1,000,000	-	1,000,000
2017 Auto Center Vehicle Bond	H0504	812,545	400,000	412,545
2017 Capital Equipment	H0505	898,900	100,000	798,900
2017 Highway & Bridge Improvements	H0506	2,878,500	1,700,000	1,178,500
2017 Emergency Generators	H0508	2,614,811	1,000,000	1,614,811
Partner/Manageable Growth	H0512	1,000,000	-	1,000,000
2018 Emergency Response Training Cr.	H0514	3,030,000	-	3,030,000
2018 Highway & Bridge Improvements	H0515	2,898,224	-	2,898,224
2018 Capital Equipment	H0516	1,384,104	-	1,384,104
2018 Auto Center Vehicle Bond	H0520	1,132,210	-	1,132,210
DCC Campus Infrastructure Phase II	HC0489	990,000	990,000	-
DCC Infrastructure Phase III Roof	HC0503	313,125	-	313,125
DCC 2017 Safety/Fire Alarm Updt.	HC0509	411,500	-	411,500
DCC 2017 Master Plan Update	HC0510	250,000	-	250,000
DCC 2017 Roof Replacement	HC0511	900,600	900,600	-
Grand Total		**$237,843,353**	**$60,442,736**	**$177,400,617**

(a) Refers to the project number assigned to each individual capital project in the County's accounting records. The letter refers to the fund as follows: EA - Enterprise Airport, ET - Enterprise Transportation (Bus) and H - Capital Projects (all other).

(b) The total amount of debt the Legislature has authorized the County to borrow in connection with the specific capital project.

(c) The total amount the County has borrowed in connection with the specific capital project.

(d) The remaining amount of debt the County is authorized to borrow in connection with the specific capital project.